CONSTRUCTION NEWS

PROPOSALS

"For Proposals Advertised see the pages immediately following the Construction News Section."

WATERWORKS

Bids Close		See Eng. News-Record
Jan. 5	Galesburg, Ill. ..... Adv. Dec. 11.	Dec. 11
Jan. 5	Whittier, Cal.	Dec. 16
Jan. 7	Heppner, Ore.	Dec. 16

SEWERS

Dec. 22	Euclid, O.	Dec. 4
Dec. 31	Grasse Pointe, Mich.	Dec. 11
Jan. 15	Duluth, Minn.	Dec. 11
Feb. 2	Kokomo, Ind.	Dec. 16

BRIDGES

Dec. 20	Astoria, Ore.	Dec. 16
Dec. 27	Madison, Wis.	Dec. 16
Dec. 29	Reading, Pa.	Dec. 16
Dec. 30	Minco, Okla.	Dec. 16
Jan. 6	Owatonna, Minn.	Dec. 11
Feb. 7	Bethlehem, Pa.	Dec. 11

STREETS AND ROADS

Dec. 18	Jersey City, N. J.	Dec. 16
Dec. 19	Versailles, Mo.	Dec. 11
Dec. 19	St. Louis, Mo.	Dec. 11
Dec. 19	Sylvester, Ga.	Dec. 4
Dec. 20	Waynesburg, Pa.	Dec. 11
Dec. 21	Lewiston, Idaho	Dec. 16
Dec. 22	Eutaw, Ala.	Dec. 11
Dec. 22	Rapid City, S. D.	Dec. 11
Dec. 22	St. Louis, Mo.	Dec. 11
Dec. 22	Wenatchee, Wash.	Dec. 4
Dec. 22	Macon, Miss.	Dec. 11
Dec. 22	Wharton, Tex.	Dec. 16
Dec. 22	North Carolina	Dec. 16
Dec. 23,	Montgomery, Ala.	Dec. 16
Dec. 23	North Carolina	Dec. 16
Dec. 23	Ventura, Cal.	Dec. 11
Dec. 23	Gaylord, Minn.	Dec. 11
Dec. 23	Long Island City, N. Y.	Dec. 16
Dec. 23	Henderson, Minn.	Dec. 4
Dec 26	Wauwatosa, Wis.	Dec. 11
Dec. 27	Lawrenceville, N. J.	Dec. 16
Dec. 29	Athens, Tex.	Dec. 16
Dec. 30	Denton, Tex.	Dec. 16
Jan. 2	Waco, Texas	Dec. 16
Jan. 5	St. Louis, Mo.	Dec. 11
Jan. 6	Hamlin, W. Va.	Dec. 16
Jan. 15	St. Louis, Mo.	Dec. 11
Jan. 17	St. Louis, Mo.	Dec. 11
Jan. 19	Finch, Ont.	Dec. 4
Jan. 28	St. Louis, Mo.	Dec. 11

EXCAVATION AND DREDGING.

Dec. 22	Brooklyn, N. Y.	Dec. 16
Dec. 22	Hinckley, Utah	Dec. 16

INDUSTRIAL WORKS

Dec. 20	Durham, N. C.	Dec. 16
Dec. 21	Philadelphia, Pa.	Dec. 16
Dec. 22	Philadelphia, Pa.	Dec. 16
Dec. 24	Detroit, Mich.	Dec. 16
Jan. 7	Freehold, N. J.	Dec. 16
Jan. 12	Wakefield, Mass.	Dec. 16

BUILDINGS

Dec. 20	Ness City, Kan.	Dec. 4
Dec. 20	Independence, Kan.	Dec. 4
Dec. 20	Indianapolis, Ind.	Dec. 11
Dec. 20	Detroit, Mich.	Dec. 16
Dec. 22	Yuma, Ariz.	Dec. 4
Dec. 22	Lafayette, Minn.	Dec. 11
Dec. 22	Detroit, Mich.	Dec. 11
Dec. 23	Fairport, O.	Dec. 4
Dec. 29	Cleveland, O.	Dec. 4
Dec. 22	Santa Monica, Cal.	Dec. 11
Dec. 27	Chandler, Ariz.	Dec. 11
Dec. 30	Mt. Pleasant, Ia.	Dec. 11
Dec. 30	Lynn, Mass.	Dec. 16
Jan. 1	Bloomer, Wis.	Dec. 11
Jan. 1	Vancouver, B. C.	Dec. 11
Jan. 2	Duluth, Minn.	Dec. 11
Jan. 3	McKeesport, Pa.	Dec. 11
Jan. 3	Woodbine, Ia.	Dec. 11
Jan. 5	Gaza, Ia.	Dec. 11
Jan. 10	Kenosha, Wis.	Dec. 11
Jan. 13	Storm Lake, Ia.	Dec. 4
Jan. 15	Waterloo, Que.	Dec. 18
Jan. 15	Jacksonville, Ill.	Dec. 11
Jan. 19	Lowell, Mass.	Dec. 11
May 15	Syracuse, N. Y.	Dec. 11

FEDERAL GOVERNMENT WORK

Dec. 23	Animal House Extension — Washington, D. C.	Dec. 4
Dec. 23	Cranes — Spec. 4092 — Norfolk, Va.	Dec. 11
Dec. 23	Cranes—Spec. 4092—Philadelphia, Pa.	Dec. 11
Dec. 23	Partitions — Spec. 4098 — Alexandria, Va.	Dec. 16
Dec. 23	Heating — Spec. 4091 — Charleston, S. C.	Dec. 16
Dec. 23	Heating System—Spec. 4071 —Pensacola, Fla.	Dec. 16
Dec. 23	Building—Spec. 4047—San Diego, Cal.	Dec. 16
Dec. 26	Lock Gates — Wheeling, W. Va. ..... Adv. Dec. 4.	Dec. 4
Dec. 30	Electric Elevators—Stapleton, N. Y.	Dec. 11
Dec. 30	Remodeling Custom and Court House—Toledo, O.	Dec. 11
Dec. 30	Electrical Traveling Cranes — Spec. 4094 — Washington, D. C.	Dec. 16
Dec. 31	Buildings — Washington, D. C.	Dec. 16
Jan. 2	Lock and Esplanade—Florence, Ala.	Dec. 16
Jan. 5	Remodeling Post Office — Fitchburg, Mass.	Dec. 16
Jan. 6	Alterations to Post Office—Ashland, Ky.	Dec. 16
Jan. 7	Dirigible Hangar — Spec. 4080—Cape May, N. J.	Dec. 16
Jan. 13	(Additional Buildings)—Dawson Spring Key	Dec. 16
Feb. 2	Tower and Dwelling—Rincon, P. R. ..... Adv. Dec. 11.	Dec. 11

MISCELLANEOUS

Dec. 22	Electric Pump—Sault Sainte Marie, Mich.	Dec. 4
Dec. 22	Fire Protection System — Livermore, Cal.	Dec. 16
Dec. 23	Jib Cranes — New York, N. Y. ..... Adv. Dec. 4.	Dec. 4
Jan. 7	Dam — New Westminster, B. C.	Dec. 16
Jan. 22	Pipes, Valves, etc. — St. Louis, Mo.	Dec. 11

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

O., Cincinnati—City plans to build water mains in Montgomery Pike from Kennedy Heights westwardly, also through Millcreek Valley and from Western Hill Station to College Hill, cost $720,000; install new boilers, pipe, etc., in Main River Pumping Sta. and boiler equipment in Western Hills Sta. $380,000. F. Krug, city engr.

O., Euclid—Village rejected bids received Dec. 8, building 13,885 ft. 6 and 8 in. c.i. water mains in Cut Rd., Brewer, Pond and Fuller Aves. Work will be readvertised. F. A. Pease Eng. Co., Marshall Bldg., Cleveland, engrs.

O., Greenville—Town plans to build brick and steel filtration plant. About $135,000. G. A. Johnson, 150 Nassau St., New York City, engr.

N. D., Hankinson—City plans to build waterworks system, cost to exceed $20,000. A. Lecocq, Aberdeen, S. D., engr.

Mont., Conrad—City plans to build waterworks system. About $180,000. C. Fergussen, city atty.

Tex., Cisco—City election in January to vote on $400,000 bonds for waterworks system.

Idaho Cambridge—City plans to build waterworks system in spring. About $25,500. S. M. French, Cambridge, engr.

Idaho, Wendell—City election Dec. 22, to vote on $15,000 bonds to replace present wooden pipe with steel pipe. F. W. Chapman, clk.

Ariz., Nogales—City plans election to vote on $135,000 bonds to lay 14 in. steel watermains, $37,000 to install pumping units and $15,000 to enlarge and repair reservoir.

Ore., Heppner—City soon receives bids building 15 mi. wood, c.i. or steel pipe line from here to Willow Creek. About $100,000.

Ore., North Powder—City receives bids about Jan. 1, laying 2 mi. wood, steel or iron pipe, installing and furnishing steel tank and tower for well which will supply town with water. About $30,000. C. J. Forstrom, mayor.

Ore., Richland—City soon lets contract building waterworks system to include 4 mi. 8 in. steel or iron supply main, 50 water meters, connections and filtration plant, 125,000 gal. per minute capacity, 10 hydrants and valves, 1 mi. 4-6 in. distributing system. About $35,000. L. C. Kelsey, 410 Selling Bldg., Portland, engr.

Cal., Blythe—City Council soon receives bids building waterworks system, to consist of well, 50,000 gal. tank on 80 ft. tower, 400 gal. per minute pumping plant and 4 mi. 2-10 in. riveted steel mains. Bonds for $36,000 voted for project. Noted May 22.

Cal., Brawley—City voted $125,000 bonds to build water tank and tower, lay larger water mains and install fire hydrants. G. B. Wade, city engr. Noted Sept. 18.

Cal., Manhattan Beach (Manhattan P. O.)—City voted $30,000 bonds to extend and repair waterworks system. V. H. Staheli, city engr.

Ont., Brantford—City having plans prepared for reconstructing water works system. T. H. Jones, city engr.

Alta., Vulcan—City plans to install waterworks system. About $9000.

BIDS DESIRED

Ore., Heppner—Until Jan. 7, by J. P. Williams, city recdr., building waterworks system. Separate proposals on (a) furnishing labor, equipment and materials except pipe and specials and building gravity supply line and accessories, (b) furnishing special c.i. fittings and valves, f.o.b. and furnishing machine banded wood pipe, (c) furnishing and laying concrete pipe on supply line. About $100,000. Burns & McConnell, Interstate Bldg., Kansas City, Mo., engrs.

Cal., Whittier—Until Jan. 5, by C. L. Trueblood, city clk., furnishing and installing 2400 tons 4-24 in. classes B and C c.i. water pipe fittings and equipment for pumping water and generating 200 kw. electric current. Alternate bids for pumping and generating will be taken as follows: (1) one 12 x 36 in. high duty cross compound double acting crank and fly wheel pumping engine, two 150 hp. water tube boilers and one 200 kw. steam turbine generator; (2) same as preceding, excepting generator; (3) two direct connected 2200 gal. per minute centrifugal pumps and motors.

Waterworks (Continued)

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Chicopee**—City will lay 8 and 12 in. c.i. pipe in various streets. About $20,500. Work will be done by day labor.

★**N. Y., New York**—Dept. Water, Gas & Electricity let contract laying watermains in East 167th St., to Beaver Eng. & Contg. Co., 51 Chambers St., $376,406, and in East 161st and 164th Sts., to Masterson Constr. Co., 15 East 40th St., $13,262.

★**Minn., Grand Rapids**—City let contract building water mains in various streets, involving 3622 cu.yd. earth excav. and backfilling, 10 cu.yd. rock excav., 6112 lin. ft. 4-8 in. c.i. pipe, etc., to J. Ame Vey, Grand Rapids, $6967.

★**Mont., Hardin**—City let contract building filtration plant, to Security Bridge Co, 503 North 32nd St., Billings, $89,517. Plans include constructing 30 x 44 ft. filter building, 32 x 56 ft. coagulating basin, etc.

★**Cal., Oakland**—City Council let contract replacing fresh water connection of high pressure fire system from 12th St. to pumping station, involving 1128 ft. 14 in. c.i. pipe and 800 cu.yd. earth excav., to M. Murphy, 1321 Milvia St., Berkeley. About $9300.

Sewers

PROPOSED WORK

Conn., Ansonia—City soon lets contract laying sewers in various streets, involving 370 ft. 36 in. concrete pipe, 48 ft. 36 in. c.i. pipe, 7145 ft. 8-15 in. vitr. pipe, 29 manholes and 550 ft. tar pavement. V. B. Clarke, city engr.

Conn., Derby—Finance Com. soon lets contract laying sewers in various streets, involving 370 ft. 36 in. concrete pipe, 48 ft. c.i. pipe, 7145 ft. 8-10 in. vitr. pipe, 29 brick manholes, 550 sq.yd. tar walk, 28 sq.yd. asphalt pavement, 418 ft. rip.rap, etc. About $35,000. V. B. Clarke, city engr.

Mich., Detroit—Dept. Pub. Wks. receives bids about Dec. 22, building 6475 ft. Bates St. Sewer Sect. 2, in Bates, Congress Randolph. Adams and Brush Sts., 13 ft. 6 in. cylinder, with 16 in. brick or concrete segment block walls. Alternate plan, 2-barrel sewer, 10 ft. 4 in. diameter, 16 in. walls, same material. C. W. Hubbell, city engr.

N. D., Hankinson—City plans to build sewerage system, cost to exceed $20,000. A. Lecocq, Aberdeen, S. D., engr.

Idaho, Cambridge—City having plans prepared for sewerage system. About $22,500. S. M. French, Cambridge, engr.

Ore., Warrentown—See "Streets and Roads."

Ont., Woodstock—City plans election to vote on $100,000 bond to build new intercepting sewerage system and sewage disposal plant.

BIDS DESIRED

Mass., Woburn—Buckman Tanning Co. receiving bids for building rein.-con. sewerage disposal tank and reclamation of tannery sludge. About $20,000. Vaughan & Meyer, Security Bldg., Milwaukee, Wis., engrs.

Ind., Kokomo—Until Feb. 2, by Bd. Pub. Wks. building Washington St. sewer and laterals, involving 16,100 lin.ft. 15-84 in. pipe, etc. About $276,000.

Kan., Topeka—City receiving bids building 1125 ft. 8 in. sewer from McKinley School to River. About $18,000. M. C. Holman, 116 Evelyn St., engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Greendale (Worcester P. O.)**—See "Buildings."

★**Conn. New Canaan**—City let contract to T. F. Foley & Co., 23 Quintard Ave., South Norwalk, building sewers and drains in various streets, involving 1545 ft. 6-15 in. vitr. pipe with appurtenances, 2390 ft. 6-12 in. c.i. pipe and 1128 ft. 10-15 in. vitr. pipe.

★**N. Y., Long Island City**—M. E. Connolly, pres. Queens Boro., let contract building sewer in Linden St., Sec. A, to Booth & Flynn, Montague St., Brooklyn, $925,100; Sect. B, to O'Rourke Contg. Co., 150 Nassau St., New York City, $876,062.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., received lowest 3 bids Dec. 8, building sewer in Buckley St. from Queens Blvd. N. to Skillman Ave., etc., (1) Type "A," (2) Type "B," from F. L. Paino, Woodhaven, L. I., (2) $69,232; Green Contg. Co., 734 Vernon Ave., Brooklyn, (1) $74,000, (2) $73,000; A. Paino, Woodhaven, L. I., (1) and (2) $75,000.

★**N. Y., New York**—M. F. Loughman, pres. Manhattan Boro., let contract repairing barrel sewer in Coenties Slip, 5th St. East River, and 21st St. East River, to J. Riches, 23 Willow Pl., Brooklyn, $10,680, $9903 and $8721 respectively; emergency repair to overflow in 129th St., to J. J. Hademan, $1610.

★**N. J., Trenton**—City let contract building 2179 ft. sewers in Gouverneur. Grand, 2nd and Academy Sts., to Boscarelli & Jiangola, 110 2nd St., $12,597.

★**O., Cleveland Heights** (Warrensville P. O.)—Village let contract building Noble Pl. Sewer, involving 7690 ft. 20-66 in. vitr. pipe, 14 catch basins, 8 manholes, to A. Marra, 2276 East 105th St., Cleveland, $14,714; 10,000 ft. 6-in. curb connections in Taylor, Canterbury, Princeton and Kerwood Rds., to Curro Bros., 1977 East 26th St., Cleveland, $12,570.

★**O., Garfield Heights**—Village let contract building sewer in Service Court, involving 1722 ft. 10-12 in. vitr. pipe, 1280 ft. 6 in. c.i. pipe, and 7 brick manholes, to C. Joseph, 1200 Bolivar Rd., Cleveland, $8925.

Mich., Detroit—City received bids building Seven Mile Rd. Sewer, with temporary pumping station and electrically operated pumps, involving 11 ft. 3 in. cylinder sewer with special manhole, from C. A. Handyside, 833 Lothrop Ave., $26,600; Power Plant Supply Co., Chamber of Commerce, $29,980.

★**Neb., Blair**—City let contract building sewers and sewer outlet in Dist. No. 21, to Hansen & Willadsen, Omaha, $87,687.

★**Cal., Los Angeles**—See "Streets and Roads."

Cal., Wilmington—Bd. Pub. Wks. received bids building sewers in Gulf Ave. Sewer Dist., involving 46,937 ft. 6-24 in. concrete, 412 ft. chimney and 24 ft. c.i. pipe, from J. Balch, 696 12th St., San Pedro, $233,000, M. Chutuk, Los Angeles, (not totaled), C. D. Soteras, Black Bldg., Los Angeles, (not totaled).

Bridges

PROPOSED WORK

W. Va., Clarksburg—Harrison Co. soon lets contract building 150 ft. span viaduct at Sta. 187, North Western Turnpike.

N. C., Oxford—State Highway Comn., Raleigh, soon lets contract building 2 bridges and 2 culverts, Granville Co., involving 35,478 lb. reinforcing steel, 202.35 cu.yd. class A, 240.74 cu.yd. class B and 86.50 cu.yd. class C concrete. W. S. Fallis, Raleigh, engr.

Ga., Augusta—States of South Carolina and Georgia having preliminary sketches made by H. C. Orr, bridge engr., State Highway Dept., Columbia, for 800-ft. steel bridge, concrete piers and abutments, between Aiken Co., S. C. and Richmond Co., Ga., 3½ mi. below here. About $175,000.

Wisconsin—State Highway Comn., Madison, preparing plans for Weinandy Bridge, 12 x 24 ft. rein.-con. span, concrete abutments Belvidere Twp., Buffalo Co.; Lamb Bridge, 24 x 30 ft. rein.-con. deck girder, concrete abutments, La Grange Twp., Monroe Co.; Tucker Bridge, 16 x 20 ft. concrete, concrete abutments, Albion Twp., Jackson Co.; Davenport No. 1 Bridge, 6 x 24 ft. rein.-con. slab, concrete abutments, Clayton Twp.; Davenport No. 2 Bridge, 12 x 24 ft. rein.-con., concrete abutments, Clayton Twp., Wanamaker Bridge, 20 x 24 ft. rein.-con. slab, concrete abutments, Marietta Twp.; Crawford Co.; 2nd South Branch Bridge, 20 x 40 ft. rein.-con. deck girder span, concrete abutments, Armstrong Twp., 1st South Branch Bridge 20 x 30 ft. rein.-con. girder, concrete abutments, Waupee Bridge, 24 x 30 ft. deck girder, concrete abutments, Middle Bridge, 18 x 24 ft. concrete slab, concrete abutments, Suring Village, Bowen Bridge, 12 x 24 ft. concrete slab, concrete abutments, Gillett Twp., Demehy Bridge No. 2, 8 x 22 ft. concrete slab, concrete abutments, Morgan Twp., Johnson Bridge, 6 x 24 ft. concrete slab, concrete abutments, Havelik Bridge, 6 x 20 ft. concrete slab, concrete abutments Blazek Bridge, 8 x 12 ft., concrete slab, concrete abutments. Sprice Twp., Oconto Co.; Witches Gulch Bridge, 10 x 24 ft. rein.-con. span, concrete abutments, Dell Prairie Twp., Adams Co., Birch Creek Bridge, 12 x 24 ft. rein.- con span, concrete abutments, Wautoma Twp., Waushara Co.

Wis., Eau Claire—Comrs. Eau Claire Co. plan to build bridges in Fall Creek Village, Clear Creek and Washington Twps. About $11,000. G. Osborne, comr.

Wis., Viroqua—Comrs. Vernon Co. plan to build bridges, Kickapoo Twp., cost $1400, Franklin Twp., $6000 and Readstown Village, $18,000. A. Ristow, comr.

Utah, Salt Lake City—City and Comrs. Salt Lake Co. having designs and specifications prepared by G. G. Bywater, engr., 518 E St., for Memorial Bridge, 1000 ft. long, over Parleys Canyon. Cost between $200,000 and $250,000.

BIDS DESIRED

Pa., Reading—Until Dec. 29, by Comrs. Berks Co., building 1586 ft. rein.-con. bridge on Bingaman St. over Schuylkill River, Schuylkill canal and Pennsylvania, Philadelphia & Reading R.R., to have 13 arch and 3 flat spans, rein.-con. approaches, 39 ft. roadway and two 10 ft. 6 in. sidewalks. C. J. Shode, compt. Noted May 1.

Wis., Madison—Until Dec. 27, by State Highway Comn., furnishing labor and materials for building 1428 ft. plate girder bridge, to include fifteen 79 ft. plate girder spans, double leaf bascule to give 70 ft. clear opening and two 79 ft. plate girder approach spans carrying bascules, concrete piers and abutments. Work involves 500 tons structural and 55 tons reinforcing steel, 2400 cu.yd. class A concrete, 205 sq.yd. paving, 500 cu.yd. riprap, etc.

Okla., Minco—Until Dec. 30, by State Highway Comn., Oklahoma, building 1242 ft. bridge, 20 ft. wide, here, involving 8431 cu.yd. rein.-con. and 255 tons steel.

Ore., Astoria—Until Dec. 20, by State Highway Comn., Portland, building double leaf trunnion bascule bridge over Youngs Bay here. Bids will be received on 3 propositions, as follows: (1) bascule bridge for combined highway and railroad traffic, including 1580 lin.ft. timber trestle approach for highway, 42,600 lin.ft. foundation piling, 750 cu.yd. class "A," 1500 cu.yd. class "B" and 4950 cu.yd. "D" concrete (Tremie concrete for cofferdam seal and pier base), 425 cu.yd. counterweight concrete, 120,000 lb. reinforcing steel, 6700 lin.ft. protection piling, 1,000,000 lb. structural steel, 125,000 lb. machinery, necessary signal lights, motors, pumps, and electrical equipment; (2) bascule bridge for highway traffic only with 1580 ft. timber trestle approach span, 20,000 lin.ft. foundation piling, 500 cu.yd. class "A," 700 cu.yd. class "B" and 2500 cu.yd. class "D" concrete (Tremie concrete for cofferdam seal and pier base), 5000 lin.ft. protection piling, 70,000 lb. reinforcing steel, 485,000 lb. structural steel, 65,000 lb. machinery, 225 cu.yd. counterweight concrete, necessary electrical equipment, pumps, signal lights, etc.; (3) bascule bridge for highway traffic only with 309 ft. permanent approach, steel plate girder, concrete floor and foundation, 1220 lin.ft. timber trestle approach, 29,000 lin.ft. foundation piling, 750 cu.yd. class "A," 1000 cu.yd. class "B" and 3000 cu.yd. class "D" concrete, 225 cu.yd. counterweight concrete, 1000 lin.ft. protection piling, 117,000 lb. reinforcing and 695,000 lb. structural steel, 65,000 lb. machinery, 750 lin.ft. concrete handrail, pumps, signal lights, motors and electrical equipment. About $280,000 H. Nunn. Salem, state highway engr. Noted Oct. 23.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Conn., Middletown**—Middlefield and Middletown Twps. let contract building bridge, to A. Brazos & Son, Inc., 88 Oak St., Middletown, $15,000. Work involves 35 cu.yd. rein.-con., 250 cu.yd. concrete, 6 tons steel, 3310 cu.yd. earth approach and fill, 1950 ft. macadam surface, etc.

N. Y., Brooklyn—New York Municipal Ry. received bids Dec. 8, building bridge on Beverly Rd., Brighton Beach Line, from Donnell Zane Co., 298 Bway., New York City, $51,441; Jobson-Gifford Co., 30 East 42nd St., New York City, $54,901.

★**W. Va., Moorefield**—See "Streets and Roads."

Ia., Manchester—Delaware Co. received bids Dec. 2, building 168 ft. bridge, 45 ft. wide, to have two 80 ft. rein.-con. span arches, 33 ft. roadway, two 6 ft. walks and 4 retaining walls, from F. E. Marsh & Co., Jefferson, $44,250; Koss Constr. Co., 2818 5th St., Des Moines, $46,146; Widell Constr. Co., Mankato, Minn., $49,179. Work involves 1605 cu.yd. rein.-con., 58 tons steel, 900 cu.yd. earth approach and fill.

★**Que., Quebec**—Dept. Pub. Wks. let contract building approaches and caissons of Batiscan Bridge, to Gosselin Co., Levis. Total cost, $260,000.

Streets and Roads

PROPOSED WORK

Pa., East Brady—Boro. soon lets contract improving 3rd St. from Broad to High Sts., High St. from 4th St. to Clarion Rd., Clarion Rd. from High to Grant Sts., High St. extension from Clarion Rd. to Ferry St., Broad St. from Brady to Clarion Sts., Clarion St. from Water to Broad Sts., and Brady St. from Broad St. to rear of bank building, involving 3500 cu.yd. grading, 5600 lin.ft. curbing, 380 lin.ft. backing curb, 8060 sq.yd. paving, 1280 lin.ft. 12-18 in. sewer pipe, etc. Douglass & McKnight, 707 Columbia Bank Bldg., Pittsburgh, boro. engrs.

W. Va., Logan—Logan Co. voted $1,000,000 bonds to improve roads. J. N. Smith, Logan, engr.

W. Va., Wheeling—City voted $1,000,000 bonds to improve various streets. Property owners contributed $2,000,000 toward amount making $3,000,000 available for work. H. A. Conrad, city engr.

N. C., Waxhaw—City plans to grade, pave and build side walks. Cost between $10,000 and $15,000. J. B. McCrary Co., 3rd Natl. Bank Bldg., Atlanta, Ga., engrs.

S. C., Charleston—Charleston Co. receives bids about Jan. 15, improving 7 mi. Charleston-Savannah Highway, 18 ft. wide, involving 73,920 sq.yd. 7 in. concrete. J. W. Martin, c/o Sanitary & Drainage Comn., engr. About $250,000. Federal Government will appropriate toward cost.

Fla., Panama City—City voted $132,000 bonds for paving and draining various streets. F. S. Parrigin, Lexington, Ky., engr.

Ky., Warsaw—Gallatin Co. voted $80,000 bonds to improve roads and bridges.

O., Ashtabula—City having plans and estimates prepared grading and paving 1500 ft. Dakota St. from Lake to Ohio Sts., 26 ft. wide, involving 3350 sq.yd. vitr. brick on 6 in. concrete base. L. A. Amsden, Ashtabula, engr.

O., Cincinnati—City plans to grade, pave with bituminous macadam and build concrete curbs and gutters on 1630 ft. Rulison Ave., 30 ft. wide. About $21,231. F. Krug, city engr.

O., Cleveland—F. A. Pease Eng. Co., engrs., Marshall Bldg., receive bids in spring grading and building 5 mi. sidewalk on Blue Stone and Mayfield Rds., for Knight-Norris-Gibbs Co., Leader-News Bldg.

O., Columbus—Comrs. Franklin Co. plan to improve 11 mi. Alkire Rd. south of Briggsdale, 6 mi. Brice Rd. from Natl. to Winchester Pikes, 1 mi. Hess Rd. from Union Cemetery to Kennedy Rd., 1.75 mi. Hess Rd. from Kennedy to Reed Sts., all waterbound macadam; 1.75 mi. 3rd Ave. from bridge to Cambridge Place Ave., 24 ft. wide, 5½ in. bituminous macadam surface on waterbound macadam base, Berea stone curb and 3 ft. brick gutters, 2 mi. Sullivan Ave. from west corporation line to Georgetown Dr., 16 ft. wide, 3½ in. bituminous macadam on rein.-con. base.

O., Jefferson—Comrs. Ashtabula Co. having specifications and plans prepared grading and paving 6½ mi. Rock Creek-Orwell Rd. and 6¾ mi. Trumbull-Windsor Rd., 10 ft. wide, monolithic brick or concrete. A. H. Bixler, co. engr.

Mich., Marine City—City Council passed resolution requesting State Highway Dept., Lansing, to prepare plans and estimates for widening, grading, paving and building concrete curbing on Main St. from Bridge St. to city line, 30 ft. wide, involving 7000 sq.yd. concrete. About $20,000.

Mich., Port Huron—St. Clair Co. having plans prepared by State Highway Dept., Lansing, for 30 mi. Victory Highway (State Trunk Line), 16 ft. wide, concrete. A. H. Medbury, Capac, chn. of com.

Wis., Ashland—Comrs. Ashland Co. plan to expend $34,543 to improve roads. W. E. Dillon, Highbridge, comr.

Wis., Eau Claire—Comrs. Eau Claire Co. plan to grade and surface Eau Claire-Menomonie Rd., Union Twp., cost $7000; Eau Claire-Fall Creek Rd., Washington Twp., $3457; Augusta-Ludington-Wilson Rd., Ludington Twp., $2500; Augusta-Wilson-Stanley Rd., Wilson Twp., $2500; Eau Claire-Springfield Rd., Seymour Twp., $2500; Eau Claire-Altoona Rd., Altoona Twp., $2500; Augusta-Fairchild Rd., Lincoln Twp., $25,000; grade, drain and surface Eau Claire-Cleghorn-Eleva Rd., Pleasant Valley Twp., $2548. G. Osborne, comr.

Wis., Ellsworth—Comrs. Pierce Co. plan to grade and surface road, River Falls Twp., cost $10,500; Hager Hill Rd., Treton Twp., $3000; Ellsworth Twp., beginning at Cudd's corner thence northeasterly, $5343; Rock Elm Twp., $3337; grade and drain road, El Paso Twp., $3337, Maiden Rock Twp., $3337; Rock Elm Twp., $3337; El Paso Twp., $1000, and Salem Twp., $1300. C. F. Kenall, comr.

Wis., Prairie du Chien—Comrs. Crawford Co. plan to grade overflow road, Marietta Twp., $6300; grade and build bridges, Marieetta Twp., $4500; build 2 culverts, Scott Twp., $800; 3 bridges, Clayton Twp., $4250; grade and drain, Freeman Twp., $1200; Utica Twp., $1200; Clayton Twp., $3000; Haney Twp., $2000; Ferryville Village, $2000. J. N. Campbell, Bell Center, comr.

Wis., Viroqua—Comrs. Vernon Co. plan to grade, drain and build culverts, Christiana Twp., $4584; Clinton Twp., $2293; Coon Twp., $4584; Franklin Twp., $2293; Genoa Twp., $4584; Hamburg Twp., $4584; Harmony Twp., $5038; Kickapoo Twp., $2293; Webster Twp., $2293, and Wheatland Twp., $2293. A. Ristow, comr.

Wis., West Bend—Comrs. Washington Co. plan to grade, drain and concrete surface Fond du Lac Rd., Germantown Twp., cost $11,909, grade, surface and build culverts, Hartford Twp., beginning at village limits of Schleisingerville, thence westerly, $3900; Village of Schleisingerville, beginning at Franklin St. thence westerly, $3900; Old Fond du Lac Rd., Polk Twp., beginning at Ackerville, thence southeasterly, $4390; grade, drain, surface and build culverts on Old Fond du Lac Rd., Richfield Twp., beginning at southeast end of Ackerville, thence southeasterly, $2100. C. Johnson, Kewaskum, comr. Noted Sept. 11.

Kan., Independence—Montgomery Co. rejected bids gravel surfacing 9½ mi. Ozark Trail Rd., Federal Aid Project No. 23, A, 16 ft. wide, also building necessary bridges and culverts on same. Work will be readvertised, H. K. Hibbard, Independence, engr.

South Dakota—State Highway Comn., Pierre, plans to grade, gravel and drain 10-9 mi. Redfield Watertown Rd., Federal Aid Project No. 34, Spink Co., involving 43,600 cu.yd. earth excav., 16,350 cu.yd. gravel, 1450 lin.ft. corrugated culverts, 280 cu.yd. concrete for culverts, 18,000 lb. reinforcing steel, etc., cost $74,053; 16 mi. Aberdeen Ipswich Highway, Federal Aid Project No. 32, Edmund Co., involving 72,000 cu.yd. earth excav, 24,000 cu.yd. gravel, 1200 lin.ft. corrugated culverts, 465 cu.yd. concrete for culverts, 30,000 lb reinforcing steel, etc., $131,467.

Montana—State Highway Comn., Helena, receives bids about Jan. 1, gravel surfacing 26 mi. Yellowstone Trail, Yellowstone Co. and 2.84 mi. Belgrade-Maudlow Rd., Federal Aid Project No. 15, Gallatin Co. Latter includes 50 ft. steel span over East Gallatin River. J. N. Edy, state highway engr.

Mo., Lebanon—Lebanon Special Rd. Dist. voted $100,000 bonds to build roads. Engineer not selected.

Mo., Trenton—Town voted $135,000 bonds to build roads. Engineer not selected.

Tex., Cameron—Milam Co. having plans prepared grading, gravel surfacing and draining 5.724 mi. Cameron-Waco Rd., 14 ft. wide, involving 4600 cu.yd. earth excav., 800 sq.yd. concrete, 10,690 cu.yd. gravel and 21,810 lb. reinforcing steel. About $57,946. A. F. Mitchell, Cameron, engr.

Tex., Hillsboro—Comrs. Hill Co. having plans prepared gravel surfacing and draining 14.9 mi. Highway No. 31, 15 ft. wide, known as Corsicana-Waco Rd., involving 134,000 cu.yd. earth and 2000 cu.yd. rock excav., 1114 sq.yd. class A and 203 cu.yd. class B concrete, 102,000 lb. reinforcing steel and 3000 lin.ft. guard fence. About $224,315. Bryant & Huffman, Littlefield Bldg., Austin, engrs.

Tex., Liberty—Liberty Co. having plans prepared grading, gravel surfacing and building trestle on 8.518 mi. Highway No. 35, Cleveland Montgomery Co. Rd., 16 ft. wide, involving 11,282 cu.yd. earth and 234 cu.yd. structural excav., 6.16 acres clearing and grubbing, 3733 lb. reinforcing steel, 164 sq.yd. concrete and 232,893 ft. B. M. creosoted timber in trestle. About $75,377. W. S. Bonner, New Orleans, La. engr.

Tex., Linden—Comrs. Cass Co. plan to grade, gravel surface and drain 4.949 mi. Bryants Mill Rd., 9 ft. wide, involving 6.5 acres clearing and grubbing, 43,315 cu.yd. unclassified earth excav., 187 cu.yd. class A, 24 cu.yd. class B and 55 cu.yd. class C concrete, etc. About $36,472. Hess & Skinner, Southwestern Life Bldg., Dallas, engrs.

Tex., Wichita Falls—Wichita Co. plans to build 10 mi. highway from here to Iowa Park, 20 ft. wide. About $485,000. J. A. Donald, city engr.

Idaho — State Highway Dept., Boise, plans to gravel and rock surface 9 mi. Idaho-Utah Highway, cost $68,000, rock surface 9 mi. Utah-Idaho Highway, from Pocatello to McCammon, $75,000, Bannock Co.; hard surface 2 mi. Yellowstone Park Highway, $61,000, Bingham Co.; grade, gravel and rock surface 22½ mi. North and South Highways, $255,000, Bonner Co.; hard surface (bitulithic, concrete or asphaltic macadam) 6 mi. Yellowstone Park Highway, $185,000, 10 mi. Roosevelt Highway, $93,000, Bonneville Co.; grade and gravel surface 18 mi. North and South Highways, $185,000, Boundary Co.; grade and gravel surface 12.5 mi. Pacific Highway, $100,000, 28 mi. Pacific Highway, $266,000, grade and rock surface 7.5 mi. Idaho Central Highway, $75,000, Elmore Co.; grade earth road on 7½ mi. Yellowstone Park Highway, $90,000, Jefferson Co.; grade and gravel surface 12.5 mi. North and South Highways, $198,000, Kootenai Co.; grade and rock surface 22½ mi. North and South Highways, $307,000, Latah Co.; grade and gravel surface 17 mi. Idaho Pacific Highway, $205,000, Payette Co.; grade and gravel surface 19 mi. Idaho Pacific Highway, $182,000, Power Co.; hard surface (bitulithic, concrete or asphaltic macadam), 27 mi. Idaho Pacific Highway, $664,000, hard surface 9 mi. Idaho Pacific Highway, $240,000, grade and gravel surface 14.7 mi. Idaho Pacific Highway, $136,000, Twin Falls Co.; grade and gravel surface 40 mi. North and South Highways, $400,000, Washington Co. Federal Government will appropriate toward cost. P. D. Olsen, state highway engr.

Ariz., Tucson—Pima Co. retained L. E. Barker, engr., Tucson, to have charge of construction of roads. Bonds for $1,500,000 voted for project. Bids will soon be received building 22 mi. Ajo-Gunsight Rd.

Ariz, Yuma—Yuma Co. voted $1,200,000 bonds to grade and pave roads. Federal Government will appropriate $150,000 toward project.

Wash., Kelso—City Council plans to grade and build concrete sidewalks and curbs on 2 mi. South 2nd, 3rd, 4th and 5th Sts. Cost to exceed $10,000.

Wash., Tacoma—Pierce Co. plans to pave Mountain Rd. from terminus of pavement to Ohop Hill, 20-24 ft. wide, concrete or asphaltic concrete. About $100,000. State appropriated $50,000 toward project.

Ore., Albany—Rd. Dist. No. 27 voted $10,000 bonds to improve and pave with gravel macadam connecting road links throughout district. L. G. Lewelling, recdr.

Ore., Astoria—City plans to grade, pave, build sidewalks and curbs on various streets. City sold $167,260 bonds for project. E. G. Gearhart, aud.

Ore., Portland—City plans to pave with concrete Nos. 1 and 2, bitulithic or asphaltic concrete, Tacoma Ave. from 15th to 17th Sts., cost $9590; East 21st and Clinton Sts., redress, $1966; East 44th St. from Hawthorne Ave. to Lincoln St., $15,319; East 70th St. from Siskiyou St. to Sandy Blvd., $5791; East 12th St. from Hawthorne Ave. to Market St., redress, $8565; East Kelly St. from 36th to 39th Sts., $7147; East 68th, East 69th and East Morrison Sts., $1074; East 60th St. from Killingsworth Ave. to Alberta St., $10,266; 71st St. S. E. from 45th Ave. to Foster Rd., $6195; East 16th St. from Spokane to Nehalem Aves., $2940. O. Laurgaard, city engr.

Ore., Seaside—City having preliminary plans prepared for building Roosevelt Dr. from Wahanna Sta., via Southern Pacific and Southern Ry. to Bway. Ave., 18 ft. wide, divided in 2 sections with packing between. Work includes grading, surveying and paving with concrete. About $78,000. E. S. Abbot, aud.

Ore., Warrentown—City purchased 100 acres of D. K. Warren Estate and plans to establish site with 2000 ft. frontage on Skipanon River and 1000 ft. on Columbia River. Work involves building streets, sewers, railway tracks and laying water-mains. Funds will be obtained from $500,000 bond issue recently voted. J. Evenden, city aud.

Streets and Roads (Continued)

Cal., Elsinore—City Trustees having plans prepared paving all streets, 18 ft. wide, concrete. About $50,000. P. E. Kressly, city engr.

Cal., Fresno—Bd. Supervs. Fresno Co. soon receives bids building 2nd group of roads under $4,800,000 bond issue, comprising 12 mi. Adams Ave. east to Reedley, 7.5 mi. from Fowler to Selma, 2 mi. Adams St. through Del Rey, 1.5 mi. road north from Sanger, 10 mi. Fowler-Layton Rd., 9 mi. White's Bridge Rd. to Kerman, 8 mi. Sanger-Kingsbury Ave. and 2 mi. Clovis Ave., involving excavating, grading, 5 in. concrete paving with 1½ in. concrete asphalt top, corrugated iron and concrete culverts. D. M. Barnwell, co. clk. C. Jensen, Cory Bldg., engr. Noted May 22.

Cal., Imperial—City voted $35,000 bonds to resurface Main St. and Imperial Ave., $25,000 to pave approaches to Main St. and $20,000 for approaches to Imperial Ave.

Cal., Long Beach—City soon lets contract improving 4000 ft. Alaminto and Olive Aves., 51 ft., wide, involving 23,833 sq.yd. 5 in. concrete, 910 lin.ft. cement concrete curbing, 5831 sq.ft. cement concrete sidewalks, 6000 cu.yd. earth excav., 776 lin.ft. 8 in. vitr. clay and 500 lin.ft. brick pipe, etc.

Cal., Riverside—Bd. Supervs. Riverside Co. having plans prepared paving 13 mi. road from Thermal to Mecca, concrete, 16 ft. wide. About $250,000. A. C. Fulmor, co. engr.

Cal., Upland—City trustees soon receive bids paving and resurfacing 4 mi. Euclid Ave., involving 551,190 sq.ft. surfacing with oil and rock screenings. 574,600 sq.ft. 4 in. concrete paving, 37,148 lin.ft. stone curbs and 340 lin.ft. rein.-con. culverts. About $97,000. F. C. Froedhe, city engr.

Ont., Russell—Comrs. Russell Co. soon receive bids paving 3½ mi., bituminous macadam road from eastern limits of Rockland on Provincial Co. Rd., 16 ft. wide. About $11,000. V. E. Belanger, L'Original, engr.

BIDS DESIRED

N. Y., Long Island City—Until Dec. 23, by M. E. Connolly, pres. Queens Boro., regulating and grading from Woodside Ave. to right of way of Long Island R. R. and curbing and laying sidewalks and crosswalks where necessary, from Woodside Ave. to Stryker Ave., 2nd St., 2nd Ward; regulating, grading and laying gutter on 4th St. from Queens Blvd. to Woodside Ave., 2nd Ward; regulating, grading, curbing and laying sidewalks, on 50th St. from Jackson to Burnside Aves., 2nd Ward; 91st Ave. from Brooklyn Boro. line to 84th St., 84th St. from 91st Ave. to 90th Rd., regulating, grading and laying sidewalks, and gutter spaces, on 182nd Pl. from Jamaica to 91st Aves., 4th Ward; regulating, grading, curbing, laying sidewalks and gutters, on Gunther St. from 51st St. to Peartree Ave., Ferguson St. from 51st St. to DePeyster Sts., Roosevelt Ave. from 51st St. to Tieman Ave., 2nd Ward.

N. J., Jersey City—Until Dec. 18, by Bd. Freeholders Hudson Co., paving Newark Turnpike at approaches under Pennsylvania R.R. trestle. Work consists of placing rein.-con., driving piles, excavating and back-filling. About $10,000.

N. J., Lawrenceville—Until Dec. 27, by town, improving Cherry Tree Ave., involving 3257 sq.yd. waterbound macadam. About $10,000. F. W. Kafer, clk.

W. Va., Hamlin—Until Jan. 6, by Lincoln Co. improving 6000 ft. road from Hamlin to West Hamlin, involving 40,000 cu.yd. excav. and 10,000 sq.yd concrete. About $65,000. G. J. Barturg, Hamlin, engr.

North Carolina—Until Dec. 22, by Div. Office State Highway Comn., Asheville, hard surfacing 1.64 mi. Cleveland Co. Rd., Wake Co. About $50,000. W. S. Fallis, Raleigh, engr.

North Carolina—Until Dec. 23, by Div. Office State Highway Comn. Greensboro, hard surfacing 1.35 mi. Cabarrus Co. Rd., Cabarrus Co. About $40,000. W. S. Fallis, Raleigh, engr.

Ala., Montgomery—Until Dec. 23, by J. L. Cobbs, city treas., paving roadway Morgan Ave. from south side Mildred St. to north side of Jefferson Davis Ave., brick, asphalt, bitulithic, mineral rubber, wood block, concrete, vibrolithic concrete or asphaltic concrete.

Tex., Athens—Until Dec. 29, by Judge Henderson Co., grading, surfacing and draining 11.66 mi. Highway No. 19, Canton-Palestine Rd., 16 ft. wide, involving 11.1 acres clearing and grubbing, 15,915 cu.yd. gravel, 64,343 cu.yd. earth excav. and 849 cu.yd. concrete. About $104,319. Wilder & O'Neal, Mt. Pleasant, engr.

Tex., Denton—Until Dec. 30, by Comrs. Denton Co., grading, gravel surfacing and draining 10.055 mi. Highway No. 40, from here to Garza, 18 ft. wide, involving 17 acres clearing and grubbing, 67,762 lb. reinforcing steel, 38,419 cu.yd. unclassified earth and 3000 cu.yd. rock excav., 488 cu.yd. class A and 371 cu.yd. class B concrete. About $164,897. Bryant & Huffman, Littlefield Bldg., Austin, engrs.

Tex., Waco—Until Jan. 2, by Comrs. McLennan Co., concrete surfacing and building .63 mi. Highway No. 3, 15 ft. wide, known as Waco-Axtell Rd., involving 5483 sq.yd. concrete pavement and 99 cu.yd. concrete. About $26,129. M. Hannah, 2620 Washington St., engr.

Tex., Waco—Until Jan. 2, by Comrs. McLennan Co., surfacing .38 mi. Highway No. 7, 15 ft. wide, known as Waco-Springfield Rd., involving 3333 sq.yd. course rein.-con., 752 cu.yd. earth excav. and 30 cu.yd. concrete. About $15,767. M. Hannah, 2620 Washington St., engr. Noted Sept. 25.

Tex., Wharton—Until Dec. 22 by W. G. Davis, judge Wharton Co., grading, draining and gravel surfacing with bituminous material, 6.4 mi. Highway No. 3, from Colorado Co. line, west, 16 ft. wide, involving 4.715 mi. road machine work, 18,869 cu.yd. unclassified earth excav., 60,070 sq.yd. bituminous macadam, 225 cu.yd. class A concrete, 15,015 cu.yd. gravel, 14,014 lb. reinforcing steel and 76 lin. ft. pile trestle. About $91,870. D. B. King, Wharton, engr. Noted July 17.

Tex., Wharton—Until Dec. 22, by W. G. Davis, judge Wharton Co., gravel surfacing with bituminous topping and constructing rein.-con. drainage structures on 5.9 mi. Highway No. 3, from San Barnard River, west, 16 ft. wide, involving 4.395 mi. grader work, 13,210 cu.yd. unclassified earth excav., 281 cu.yd. class A concrete, 61,055 sq.yd. bituminous treatment, 22,975 lb. reinforcing steel and 288 lin.ft. pile trestle. About $97,623. D. B. King, Wharton, engr.

Idaho, Lewiston—Until Dec. 21, by city paving Dist. No. 12, involving 31,210 lin.ft. concrete curbing, 137,160 sq.ft. 4 in. concrete sidewalk, 43,880 cu.yd. dry earth excav. and 3500 sq.ft. 6 in. concrete crossings. T. W. Burns, city engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Greendale** (Worcester P. O.)—See "Buildings."

★**Connecticut**—State Highway Comn., Hartford, let contract building 2400 ft. Niantic-New London Rd., East Lyme Twp., and 3550 ft. road, Waterford Twp., trap rock macadam, to F. B. Hastings, 1200 Wood Ave., Bridgeport. About $21,000 and $16,000 respectively.

★**N. Y., New York**—Dept. of Parks let contract improving carriage drive in Central Park, asphaltic concrete, to Sicilian Asphalt Paving Co., 41 Park Row. About $106,000.

★**N. Y., New York**—M. F. Loughman, pres. Manhattan Boro., let contract granite paving 34th St., to Asphalt Constr. Co., 2197 Madison Ave., $21,830, regulating and grading same to Cleveland Trinidad Paving Co., Flushing Ave., Brooklyn, $17,762.

N. Y., S. I., St. George—C. D. Van Name, pres. Richmond Boro., received lowest 3 bids Dec. 4, paving Richmond Terrace from Harbor Rd. to Western Ave., granite blocks, from Kraemer & Leedecke, 114 East 65th St., New York City, $18,032; J. Johnson Sons, Port Richmond, $19,890; J. E. Donovan, Port Richmond, $20,059.

★**N. J., Ridgefield Park**—Town Council let contract improving 7th and Orchard Sts., to M. J. O'Connell, Union St., Hackensack, $44,545.

★**N. J., West New York**—City let contract repaving 19th and 20th Sts., bituminous, to G. J. Hornung, 513-16th St. Cost to exceed, $10,000.

★**W. Va., Marlinton**—Comrs. Pocahontas Co. let contract grading and draining 5.5 mi. Campbelltown-Marlinton-Huttonsville Rd., 26 ft. wide, to Duncan Constr. Co., Marlinton, $60,680. Work involves 52,172 cu.yd. earth and rock excav., vitr. clay pipe and concrete culverts.

★**W. Va., Moorefield**—Comrs. Hardy Co. will improve 7 mi. Fishers P. O., Reynolds Gap Rd., involving 21,400 cu.yd. earth and rock excav., 64,000 sq.yd. gravel surfacing and 40 ft. span concrete bridge. About $43,475. Work will be done by county forces.

★**S. C., Chester**—City let contract paving 70,000 sq.yd. various streets to [illegible] M Hudson Co., 3rd Natl. Bank Bldg., Atlanta, Ga. About $250,000.

★**Ga., Americus**—Sumter Co. let contract building 3 mi. Andersonville Rd., involving 31,880 sq.ft. concrete, to Prayton, Hawton & Wood Constr. Co., Birmingham, Ala., $95,472.

★**Ga. Madison**—City let contract for 25,000 sq.yd. pavement, 6000 cu.yd. excav., 18,100 lin.ft. granite curb and [illegible] sq.ft. concrete sidewalk, to Case & Cathran, Chandler Bldg., Atlanta, $141,680.

★**Ga., Rome**—Floyd Co. let contract paving 2.86 mi. road from here to Lindale, involving 30,080 sq.yd. bituminous macadam and 15,050 cu.yd. earth excav., to Meador Constr. Co., Healey Bldg., Atlanta, $91,916.

★**O., Cleveland**—Comrs. Cuyahoga Co. let contract building Stumph Rd. from Huffman to Brookpark Rds., involving 8000 cu.yd. grading, 16,000 sq. yd. waterbound macadam and 1500 lin. ft. 4 in. vitr. tile sewer pipe, to Cleveland Macadam Co., Leader-News Bldg., $41,557.

Kan., Emporia—Lyon Co. received bids grading and paving 4.489 mi. Sect. B, Santa Fe Trail, Federal Aid Project No. 30, 18 ft. wide, also building necessary bridges and culverts on same, from McCoy & Taylor, Emporia, $253,470; M. R. Amerman, Salina, $270,274; Cook & O'Brien, 315 Ry. Exch. Bldg., Kansas City, Mo., $279,160.

★**Kan., Norton**—City let contract paving 10 blocks East Main and State Sts., Norton and 1st Aves., to E. W. Geiger Constr. Co., 626 Cherokee St., Leavenworth. About $210,000.

★**Neb., Collegeview** — City let contract paving Dist. No. 3, to Burke-Cochrane Constr. Co., 1st Natl. Bank Bldg., Lincoln. About $69,000.

★**Montana**—State Highway Comn., Helena, let contract gravel surfacing 3.6 mi. Yellowstone Trail, west of Forsyth, Federal Aid Project No. 15, to Lindgren, Peterson & Thornton, Forsyth, $18,638.

★**Mo., Liberty**—Clay Co. let contract building 21.83 mi. Liberty-Barry, Smithville-Excelsior Springs and Mosby-Smithville-Excelsior Springs Rds., to W. M. Spencer, Independence, $97,189.

★**Tex., Mt. Vernon**—Franklin Co let contract gravel surfacing and draining 12.37 mi. Highway No. 3 from Hopkins Co. line to Titus Co. line, 14 ft. wide, to Smith Bros., Crockett, $92,764. Work involves 10.6 acres clearing and grubbing, 13,328 cu.yd. unclassified earth excav. and 10,420 sq.yd. concrete pavement. County will furnish gravel.

★**Ariz., Clifton** — Comrs. Greenlee Co. let contract to Webster Constr. Co., Phoenix, building 2 sections of Clifton-Franklin Highway, Federal Aid Project No. 13, 20 ft. wide, as follows: Contr. No. 1, involving 32,000 cu.yd. roadway excav. at $1.30 per cu.yd., 5000 cu.yd. borrow at $.85 per cu.yd., 25,000 cu.yd. unclassified excav. at $.60, 1000 lin. ft. surface ditch at $.20 per lin.ft., 345 cu.yd. class "A" and 40 cu.yd. class "B" concrete at $10 and $8.50 per cu.yd. respectively, 40 cu.yd. rubble concrete at $7.00 per cu.yd., 186 lin.ft. 24 in. and 432 lin.ft. 36 in. C. M. P. culvert at $.30 and $.35 per lin.ft. respectively, 350 cu.yd. dry rubble retaining wall at $6.00 per cu.yd., 5903 lb. reinforcing steel at $.009 per lb., total cost, $71,896; Contr. No. 2, involving 2426 cu.yd. excav. at $.60 per cu.yd. 2390 cu.yd. class "A" and 79 cu.yd. class "B" concrete at $14 and $9.50 per cu.yd., 342 cu.yd. rubble concrete at $8.00 per cu.yd., 100 sq.yd. slope walls at $1.00 per sq.yd., 78,804 lb. reinforcing steel at $.01 per lb., 90 lin.ft. 24 in. C. M. P. culvert at $30 per lin.ft., total cost $39,317.

Ariz., Tombstone—Bd. Supervs. Cochise Co. received lowest bids Nov. 17, building 8.463 mi. of (1) Sect. A and (2) Sect. B of Bisbee-Douglas Highway, Federal Aid Project No. 11, 18 wide, involving 89,377 sq.yd. 6 in. concrete or 2 in. bitulithic surface on 5 in. concrete base or 2 in. bituminous concrete (Modified Topeka) on 5 in. concrete base and 24,000 bbls. cement, from Eagan & Smith, (1) $146,340, (2) $164,238; G. H. Oswald, (1) $148,230, (2) $153,407.

Ore., Portland—City Council received bids grading and building concrete sidewalks and curbs, on 43rd Ave. S. E., et al., from S. Simonsen, 841 East 10th St., $30,311. Elliott & Scoggins, McKay Bldg., $25,665.

Streets and Roads (Continued)

M. Hansen & Co., Portland, $35,799; paving Harold Ave. from East 24th to Milwaukee Sts., asphaltic concrete, from Municipal Paving Plant, Portland. $1.10 per sq.yd., total $12,532, Warren Constr. Co., Journal Bldg., $1,39 per sq.yd., $14,026.

Cal., Fresno—Bd. Supervs. Fresno Co. received lowest bid paving 12 mi. Elm Ave., 16 ft. wide, involving 21,550 cu.yd. earth excav. and 15,670 cu.yd. concrete, from Federal Constr. Co., Fresno, $280,446.

★**Cal., Los Angeles**—City let contract to Fairchild-Gilmore-Wilton Co., Pacific Electric Bldg. improving Cheney St., involving 58,472 sq.ft. surfacing and paving with protected concrete, $0.26 per sq.ft., 24,086 sq.ft. rough grading, oiling and rolling $0.09 and sanitary sewer, $2400, etc., total cost, $19,859.

★**Cal., Oakland**—City let contract improving 3200 ft. Porter and Suter Sts. from 35th to 38th Aves., Octavia and Abbey Sts. from Suter to Porter Sts. and Loma Vista Ave. from Quigley to Porter Sts., 40 ft. wide, involving 8699 sq.yd. oil macadam, 6188 cu.yd. earth excav., 32 099 sq.ft. cement sidewalk, 13,120 sq.ft. concrete gutter, 6377 lin.ft. concrete curbing, etc., to Hutchinson Co., 444 17th St., $33,016.

★**Cal., San Diego**—City let contract improving Upas St., involving 42,608 sq.ft. 5 in. concrete paving, cement curbs and water pipes, to Fairchild-Gilmore-Wilton Co., Pacific Electric Bldg., Los Angeles, $11,854.

★**Cal., Santa Rosa**—Bd. Supervs. Sonoma Co. will build 16.7 mi. Sects. "A" and "B" of Petaluma-Valley Ford Rd., concrete. About $300,000. Work will be done by day labor under supervision of L. Aldrich, co. engr.

★**Cal., Taft**—City let contract improving 4th St., to Romanite Paving Co., Bakersfield, work involves grading at $0.03½ per sq.ft., 1½ in. Romanite paving on 3½ in. base, $.21½ per sq.ft. cement curbs, $.75 per lin.ft., concrete gutters $.21 per sq.ft., and cement sidewalks, $.28 per sq.ft. Total cost about $15,000.

★**Cal., Visalia**—City let contract paving, curbing, guttering, etc., various streets, involving 647,000 sq.ft. asphalt, to Federal Constr. Co., Call Bldg., San Francisco. About $157,000.

Excavation and Dredging

PROPOSED WORK

Ind., Princeton—Levee—Comrs. Patoka-Wabash Drainage and Levee Dist. having preliminary plans prepared for 38 mi. levee, with flood gates and pumping station. T. N. Jacob, Boatmens Bank Bldg., St. Louis, Mo., engr.

Cal., Merced—Irrigation—Merced Irrigation Dist. plans to build system comprising 173,000 acres. Project includes construction of reservoir and distributing system. About $6,000,000. F. Wagner, mgr.

Cal., San Diego—Dredging—E. D. Williams, city purch. agt., soon lets contract dredging 20,000 cu. yd. harbor near municipal pier and wharf of San Diego Fish Co.

BIDS DESIRED

N. Y., Brooklyn—Dredging—Until Dec. 22, by E. Riegelmann, boro. pres., dredging Gowanus Canal from its head to Hamilton Ave., involving 18,000 cu.yd., scow measurement. Former bids rejected.

Utah, Hinckley—Drainage—Until Dec. 22, by Millard Co. D. D. No. 1, furnishing labor and materials for building system. Work involves 281,600 lin.ft. drain tile, 281,600 lin.ft. trenching and backfilling and 106,600 cu.yd. open canal. Caldwell & Richard, Vermont Bldg., Salt Lake City, engrs.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

N. Y., New York—Dredging—Dept. Docks, Pier A, North River, Battery Pl., received bids Dec. 4, dredging (a) Sect. 1, North River, (b) Sect. 2, East River, (c) Sect. 3, East River, from F. E. Jones, 17 Battery Pl., (a) $21,600. (b) 9500, (c) $1400; P. S. Ross Inc., (a) $26,176.

Mich., Detroit—Excavating—City received bids making test borings for new Belle Island Bridge (including use of 1 diamond drill) from W. Marks Constr. Co. Cleveland, $17,625. Sullivan Mchy. Co., 124 South Michigan Ave., Chicago, cost of all labor, repairs, depreciation, etc., plus $25 per day.

Industrial Works

PROPOSED WORK

Mass., Cambridge—Eco Mfg. Co., 941 Exchange St., Boston, having plans prepared by Densmore & LaClear, arcts., 88 Broad St., Boston, for 1 story, 50 x 110 ft., brick and concrete factory, concrete flooring and foundation, on Charles River Parkway, here. About $40,000.

Mass., Fitchburg—Simonds Mfg. Co., 35 North St., soon lets contract building 2 story, rein.-con. storehouse, rein.-con. flooring, concrete foundation. About $75,000. J. O. DeWeolf, 19 Milk St., Boston, engr.

Mass., Gloucester—General Electric Co., Lynn, plans to build large plant, here, D. W. Weed, Lynn, executive secy.

Mass., Lynn—J. F. Hunt, 28 Mulberry St., soon receives bids building 1 story, 40 x 150 ft., brick and concrete garage, rein.-con. flooring, concrete foundation, on Pleasant St. About $25,000. Burk & Bottomley, 34 School St., Boston, archts.

R. I., Lonsdale (Pawtucket P. O.)—C. R. Makepiece & Co., engrs., Butler Exch. Bldg., Providence, soon lets contract building 1 story, 68 x 90 ft., brick and mill construction addition to Mill No. 4, concrete flooring and foundation, for Lonsdale Co.

Conn., Bridgeport—United Illuminating Co., 84 Temple St., New Haven, having plans prepared by W. Thompson, archt., c/o Westcott & Mapes, 207 Orange St., New Haven, for brick, rein.-con. and steel power station, rein.-con. flooring, brick, rock and concrete foundation, on Congress St., here. About $1,500,000.

Conn., Bridgeport—Bassick Co., 38 Austin St., soon lets contract building brick and concrete addition to plant, concrete flooring and foundation. About $65,000. Ford, Buck & Sheldon Co., Inc., 60 Prospect St., engrs.

Conn., New Haven—I. Hershman & Co., Minor St., and J. Weinstein, archt., 6 Church St., soon let contract building 5 story, 50 x 179 ft., brick, concrete and steel factory, rein.-con. flooring, brick and concrete foundation. About $300,000.

N. Y., Churchville—Alderman, Fairchild & Co. 367 Orchard St., Rochester, plans to build electric power plant and transmission line, here. About $75,000.

N. Y., College Point (Flushing P. O.)—Amer. Hard Rubber Co. having plans prepared by W. Kidde, archt. and engr., 140 Cedar St., New York City, for 120 x 130 ft., rein.-con. and steel addition to factory, rein.-con. flooring, concrete foundation.

N. Y., Long Island City—F. Castillo, c/o J. M. Felson, archt. and engr., 1133 Bway., New York City, having plans prepared for 50 x 100 ft., brick and steel factory, rein.-con. flooring, concrete foundation, on 9th Ave., here. About $50,000.

N. Y., Malone—Northern New York Grocery Co. plans to build 2 story, brick addition to storage plant, on Clark and Railroad Sts. Cost between $60,000 and $75,000. M. H. McGillic, treas.

N. Y., New Rochelle—H. T. Childs, archt., 29 Bway., New York City, soon lets contract building 3 story, 60 x 150 ft., rein.-con. warehouse, for D. and J. O'Brien.

N. Y., New York—J. Bashein, c/o Moore & Landseidel, archts. and engrs., 3rd Ave. and 148th St., having plans prepared for 1 story, 100 x 175 ft., brick and steel garage, concrete foundation, on Southern Blvd. and Longwood Ave., (Bronx Boro.). About $40,000.

N. Y., New York—J. Kreinick and S. Ladner, 15-17 West 30th St., having plans prepared by C. H. Gillespie, archt. and engr., 1123 Bway., for converting brick and steel loft building into factory, rein.-con. flooring. About $25,000.

N. Y., Ontario—Ontario Storage Corp. plans to build rein.-con. and steel storage plant, and install ice making machinery. About $150,000. J. S. Albright, pres.

N. Y., Rochester—Eastman Kodak Co., 333 State St., plans to build 5 story, 60 x 90 ft., brick factory and storage plant, on Caledonia Ave. About $80,000.

N. Y., Rochester—E. W. Hamilton Mfg. Co. plans to build 2 story, 55 x 195 ft. factory, on Hollenbeck St. About $25,000.

N. Y., Rochester—Levy Bros. Clothing Co., 169 St. Paul St., plans to build 1 story, 142 x 166 ft., brick factory, on Hollenbeck St. About $50,000.

N. C., Rockville Center—E. Holmgren, archt., 373 Fulton St., Brooklyn, soon lets contract building 1-story, 75 x 170 ft., brick and terra cotta garage, for Goodwin Motor Sales Corp., North Park Ave., About $65,000.

N. Y., Syracuse—Mills Oil Co., 263 Walton St., plans to construct four or five buildings on North Clinton St., to include wirehouse, cooper shop, boiler house, office, stable, garage and storage tanks. About $200,000. Architect or engineer not selected.

N. Y., Syracuse—Smith Wheel Co., 100 North Geddes St., having plans prepared by Gaggin & Gaggin, archts., University Blk., for brick factory. About $35,000.

N. Y., Watertown—Hungerford Holbrook Co., Printing House Pl., plans to build 3 story, brick addition to plant. Cost between $75,000 and $100,000. C. E. Holbrook, treas.

N. J., Hoboken—H. R. Mallinson & Co., Woolsley Ave., Long Island City, having plans prepared by Lockwood & Green, archts., 101 Park Ave., New York City, for rein.-con. and steel factory, rein.-con. flooring, concrete foundation, here. About $200,000.

N. J., Newark—W. J. Fitzsimmons, archt., 207 Market St., soon lets contract building 2-story, 65 x 375 ft., rein.-con. garage and service station, at 997-9 Broad St., for McAllister-Carlton-Stulz Corp., 1003 Broad St. About $200,000.

Pa., Coatesville—B. R. Stevens, archt., 1737 Filbert St., Phila., receives bids about Jan. 1, building 2 story, 80 x 126 ft., rein.-con. and brick factory for Breuinger Bros., 338 East Lincoln St.

Pa., Forty Fort (Kingston P. O.)—Newark Silk Co., Wilkes-Barre, having plans prepared by H. A. Maiers, archt., Coal Exch Bldg., Wilkes-Barre, for 2 story, 50 x 90 ft. brick and concrete mill, rein.-con. flooring, on Oxford St., here. About $28,000.

Pa., Forty Fort (Kingston P. O.)—Passaic Silk Co. having plans prepared by H. A. Maiers, archt., Coal Exch. Bldg., Wilkes-Barre for 1 story, 137 x 137 ft. mill, brick, rein.-con. floring, rock foundation, on Simpson and Durkee Sts. About $38,000.

Pa., Kingston—Wales Adding Machine Co., Walnut and Hoyt Sts., plans to build 3 story, 100 x 100 ft., concrete, brick and steel factory, rein.-con. flooring, rock foundation, on Hoyt St. About $100,000. Architect not selected.

Pa., Phila.—Phila. Public Ledger, 6th and Chestnut Sts., plans to build 10-story, 200 x 350 ft., publishing house and auditorium, brick. Cost to exceed $4,000,000. C. H. Curtis, pres. F. C. Roberts & Co., Real Estate Trust Bldg., engrs.

Pa., Wilkes-Barre—Karnofsky Bros., Northampton St., plans to construct 3 story, 70 x 90 ft., concrete, steel and brick wholesale building, rein.-con. flooring, rock foundation. About $60,000. Architect not selected.

Pa., Wilkes-Barre—Kitsee Battery Co., 62 North Main St., having plans prepared for 3 story, 80 x 150 ft. factory. About $100,000. Private plans.

Va., Newport News—W. N. Diehl, archt., Law Bldg., preparing plans for 4 story, rein.-con. warehouse. Cost to exceed $50,000. Owner's name withheld.

Va., Petersburg—Southern Bonded Warehouse Corp. having plans prepared by Harrison Constr. Co., engrs., McIlwaine Bldg., for concrete and steel warehouse, covering 80,000 sq.ft. floor space. About $75,000. Address, W. B. Cole, secy.

Va., Richmond—Cheek-Neal Coffee Co., 1011 East Cary St., having plans prepared by Carneal & Johnson, archts., 6th and Main Sts., for 4 story, 70 x 100 ft., rein.-con. warehouse and office, on 2nd and Hull Sts. Cost to exceed $50,000.

N. C., Mebane—Durham Hosiery Mills, Durham, plan to build 2 story, 106 x 300 ft., concrete and mill construction warehouse, steam heating plant and 50 dwelling houses. J. E. Sirrine, Greenville, S. C., archt.

N. C., Mt. Holly—Globe Yarn Mill plans to build 1-story, 100 x 250 ft. brick mill, concrete flooring. R. C. Biberstein, 614 Elizabeth Ave., Charlotte, archt.

Industrial Works (Continued)

N. C., Winston-Salem—P. H. Haynes Knitting Co. increased capitol stock from $2,000,000 to $12,000,000 and will build large plants. Architect not selected.

S. C., Charleston—Cosgrove Auto Co. having plans prepared by J. D. Newcomer, archt., 32 Broad St., for 2 story, 94 x 94 ft., rein.-con. garage and sales room, Ann and Meeting Sts. About $50,000.

O., Cincinnati — Dittoe-Fahnestock-Ferber Co., archts., 17 West 7th St., receives bids about Jan. 1, building 2 story, 86 x 150 ft., rein.-con. garage, on Gilbert Ave., for G. C. Miller Carriage Co., 713 Main St. About $50,000.

O., Cincinnati—Edwards Mfg. Co., Eggleston Ave., negotiating for site and plans to build warehouse. About $1,000,000.

O., Cincinnati—G. C. Burrough, archt., Commercial Tribune Bldg., receives bids about Jan. 1, building 5 story, 60 x 80 ft., concrete factory, for G. Gruen Watch Co., Time Hill. About $50,000.

O., Columbus—Columbus Heating & Ventilating Co., 425 West Town St., soon receives bids building 1 and 2 story, 100 x 120 ft., concrete and brick factory. About $35,000. Private plans.

O., Dayton—P. R. Gruner, 109 South St. Clair St., plans to build 3 story, 24 x 125 ft., rein.-con. and brick printing plant, rein.-con. flooring, concrete foundation, on South St. Clair St. About $75,000. Architect not selected.

O., Dayton—Miami Brass Fdry Co., McDonough and Bacon Sts., plans to build 3 story, 75 x 120 ft., rein.-con. and steel factory, rein.-con. flooring, concrete foundation, on McDonough St. About $100,000. Private plans.

O., Dayton—Peckham Coal & Ice Co., Daller and Chapel Sts., plans to build 2 story, 100 x 110 ft., rein.-con., steel and brick plant, rein.-con. flooring, concrete foundation, on Linden Ave. About $70,000. Architect not selected.

O., Lancaster—G. R. Bassett, archt., Central Natl. Bank Bldg., Columbus, soon receives bids building 2 story, 90 x 165 ft., rein.-con. garage, for Martin Bros., Main St.

Mich., Bay City—Columbia Sugar Co., 508 Crapo Blk., plans to build 1 to 3 story, rein.-con., steel and brick factory, 800 to 1000 ton capacity.

Mich., Bay City—Union Motor Truck Co., 1112 North Water St., will construct 2 units of factory buildings, 1 and 2 story, 100 x 500 ft., also 100 x 200 ft. foundry and power house, all concrete, brick and steel, rein.-con. flooring, concrete foundation, in suburb off Banks. About $2,000,000. Work will be done by day labor under supervision of J. L. Sparling, supt. construction.

Mich., Detroit—Baxter, O'Dell & Halpin, archts., 1024 Hammond Bldg., soon let contract building 2 story, 30 x 120 ft., rein.-con. service station, rein.-con. flooring, concrete foundation, on Larned St., for Bemb-Robinson Co., 286 East Jefferson St. About $30,000.

Mich., Detroit — Esselstyn, Murphy & Hanford, engrs., Marquette Bldg., soon let contract building 4-story, 82 x 584 ft., rein.-con. and brick plant, rein.-con. flooring, concrete foundation, on East Jefferson Ave., for Hudson Motor Car Co., 2901 East Jefferson Ave.

Mich., Detroit—A. Kahn, archt., Marquette Bldg., soon lets contract building 4-story, 200 x 250 ft., rein.-con., brick and steel addition to factory, rein.-con. flooring, concrete foundation, on Brush and Piquette Aves., for Studebaker Corp. About $300,000.

Mich., Kalamazoo—Smith, Hinchman & Grylls, archts., 710 Washington Arcade, Detroit, soon let contract building 4-story, 65 x 75 ft., rein.-con., brick and steel addition to factory, rein.-con. flooring, brick foundation, on Pitcher and Prouty Sts., for Fuller & Sons Mfg. Co. About $75,000.

Mich., Saginaw—Saginaw Table & Cabinet Co., Wheeler St., having plans prepared by Cowles & Mutscheller, archts., Saginaw, for 2 story, 61 x 475 ft., concrete, steel and brick factory, concrete and brick foundation. About $100,000.

Mich., Saginaw—Sutton Sales Co., 821 Genesee Ave., plans to construct 4-story service and sales building, on Genesee Ave. and Water St. About $60,000. A. S. Levisohn, pres.

Mich., Yale—Yale Woolen Mills having plans prepared by H. H. Lane, archt. and engr., 2320 Dime Bank Bldg., Detroit, for 3 story, 60 x 300 ft., steel and brick addition to factory. About $100,000.

Ill., Chicago—Chicago Addressing Co., 720 South Dearborn St., plans to construct 6 story, 95 x 100 ft. printing plant and office building. About $250,000. Architect not selected.

Ill., Chicago—Commander Fireproof Storage Co., 1616 Milwaukee Ave., having plans prepared by Moores & Dunford, engrs., 38 South Dearborn St., for 7 story, 75 x 130 ft., brick and rein.-con. warehouse, rein.-con. flooring, concrete foundation, on Lawrence and North Sawyer Aves. About $250 000

Ill. Chicago—Mutual Tailoring Co., 1028 West Van Buren St., soon receives bids building 7 story, 100 x 120 ft., brick and rein.-con factory, rein.-con. flooring, concrete foundation, on Racine and Van Buren Sts. About $400,000. Will not announce architects or engineers.

Ill., Chicago—C. S. Frost, archt., 105 South La Salle St., receives bids about Jan. 1, building 2 story, 150 x 178 ft. brick and rein.-con. printing plant, rein.-con. flooring, concrete foundation, at 1101 North La Salle St., for Uniform Printing & Supply Co., 351 West Chicago Ave. About $225,000.

Ill., East St. Louis—St. Louis Pressed Steel Co., Merchants Exch., plans to build steel mill on 26th and Bond Sts. About $400,000. F. Key, mgr. Architect not selected.

Ia., Sioux City—Farmers Terminal Elevator Co. plans to build concrete elevator. About $500,000. Engineer to be selected at once.

Kan., Atchison—Blair Elevator Co., 10th and Main Sts., plans to build elevator, 700,000 bu. capacity, brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $300,000. Architect and engineer not selected.

Mo., Joplin—Norton Taxicab Co., 220 West 8th St., soon lets contract building 5 story, 100 x 156 ft., rein.-con. steel and brick garage and salesroom, rein.-con. flooring, concrete foundation. About $100,000. Private plans.

Mo., St. Louis—T. L. Condron Co., engrs., 408 South Dearborn St., Chicago, receives bids about January, building 6 story, 60 x 400 ft. factory with two 60 x 60 ft. wings, rein.-con. and brick, rein.-con. flooring, concrete foundation, for Wagner Electric Co., 6400 Plymouth St., here.

Ore., Eugene—Lang & Co., 1st St., Portland, plans to build 3-story, 100 x 100 ft., warehouse, on 4th Ave. and Charnelton Sts., here. About $60,000. E. L. Keeney, local mgr. Architect not selected.

Ore., North Portland—North Portland Box Co. plans to rebuild 2 story factory, recently destroyed by fire. About $25,000.

Ore., Vale—Idaho Mutual Sugar Co. plans to build 2 or 3 story concrete factory, concrete foundation, on Dead Ox Flat, 500 ton daily capacity. About $1,000,000. Private plans.

Cal., Alhambra—V. Woodbury and R. H. Sanborn, c/o Alhambra Laundry Co., Mission and Stoneman Sts. plan to build ice plant. About $30,000.

Cal., Los Angeles—Bekins Fireproof Storage Co., 1335 South Figueroa St., having plans prepared by E. T. Flaherty, archt., 1065 North Normandie St., for 6 story, 58 x 100 ft., rein.-con. addition to warehouse. About $60,000.

Cal., Los Angeles—Brownstein-Louis Co., 716 South Los Angeles St., having plans prepared by J. Parkinson, archt., 420 Title Insurance Bldg., for 6 story, 200 x 220 ft., rein.-con. factory on 8th and Figueroa Sts. About $500,000.

Cal., Placentia—Placentia Mutual Orange Assn. having plans prepared by Shepherd & Hamm, engrs., Central Bldg., Pasadena, for 1 story, 100 x 237 ft., hollow tile, steel and concrete packing house.

Cal., Visalia—California Prune & Apricot Growers Assn., Market and San Antonio Sts., San Jose, plans to build packing house, here. About $100,000.

BIDS DESIRED

Mass., Wakefield—Until Jan. 12, by Lee & Hewett, archts. and engrs., 1123 Bway., New York City, building 3 story, rein.-con. and steel factory, rein.-con. flooring, concrete foundation, for Heywood Bros. & Wakefield Co., Gardner. About $50,000.

N. J. Freehold—Until Jan. 7, by Freeholders Monmouth Co., for (1) constructing power house, (2) toilet room changes in court house, (3) plumbing for power house and court house basement toilet, (4) power house equipment, including heating boilers, boiler setting, smoke breeching, chimney, oil engine and generator, electric work, etc. W. M. Bergen, dir.

Pa., Phila—Until Dec. 22. by F. V. Nickels, Archt., 4400 Manayunk Ave., building 3 story 80 x 225 ft., rein.-con. factory on Boynton and Chelton Sts. About $80,000. Owner's name withheld.

Pa., Phila.—Until Dec. 21, by F. V. Nickels, archt., 4400 Manayunk Ave., building 2 story, 24 x 90 ft., brick and stone garage and dance hall, on Broad and Wharton Sts., for J. Reale, 1609 Wharton St.

N. C., Durham—Until Dec. 20, by J. E. Sirrine, engr., Greenville, S. C., building 4-story, 80 x 125 ft. mill, for Durham Hosiery Mills.

O., Columbus—O. Darst, archt., Brunson Bldg., Columbus, receiving bids constructing 38 x 100 ft. addition to factory and 35 x 60 ft. office building, both 2 story, brick and concrete, for Columbus Dental Co., 634 Wagner St. About $40,000.

Mich., Detroit—Until Dec. 24, by A. E. Harley, archt., Kresge Bldg., constructing 3 story, 76 x 180 ft., rein.-con., steel and brick factory, rein.-con. flooring, concrete foundation, on Russell St., for I. Applebaum, 2023 Dime Bank Bldg. About $100,000.

Ill., Chicago—Gardner & Lindberg, engrs., 38 South Dearborn St., receiving bids building superstructure for 10 story, 250 x 325 ft. rein.-con. warehouse, rein.-con. flooring, concrete foundation, on Fulton and Morgan Sts., for Fulton Market Cold Storage Co., c/o J. Byfield, pres., Hotel Sherman. About $4,000,000. Noted Aug. 14.

Ill., Chicago—P. F. Olsen, archt., 127 North Dearborn St., receiving bids building 2 story, 70 x 190 ft., rein.-con. service and sales building, rein.-con. flooring, concrete foundation, at 2439 Wabash Ave., for Gram-Berstein Truck Co., 2438 South Michigan Ave. About $150,000. Noted Aug. 28.

Ill., Chicago—A. S. Alschuler, archt., 38 East Jackson St., receiving bids building 1 story, 135 x 356 ft., brick, concrete and steel factory and foundry, concrete foundation, on Lake and Kildare Sts., for Sloan Valve Co., 617 West Jackson Blvd. About $75,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Boston**—Carter Rice Co. let contract building 7 story, rein.-con. warehouse, on Summer St., to Kearns Constr., Devonshire St. About $450,000.

★**Mass., Clinton**—Lancaster Mills let contract building 8 story, 102 x 120 ft., rein.-con. addition to plant, rein.-con. flooring, concrete foundation, to Gen'l Bldg. Co. 587 Boylston St., Boston about $300,000.

★**Mass., Dorchester** (Boston P. O.)—Amer. Radiator Co. 820 South Michigan Ave., Chicago, let contract building rein.-con. warehouse and asembly plant, on Mt. Vernon St., here, to Stone & Webster Corp., Milk St., Boston, $1,500,000.

★**Mass., Willimansett** (Holyoke P. O.)—Stevens-Duryea Co., Chicopee Falls, let contract building (2nd unit of plant) 1 story, 300 x 320 ft., brick and steel, concrete flooring and foundation, at Driving Park, here, to P. J. Kennedy & Co., 464 Maple St., Holyoke. About $250,000.

★**Mass., Worcester**—Morgan Constr. Co., 15 Belmont St., let contract building 2 story, 45 x 97 ft., brick and steel extension to shop, concrete foundation, on Lincoln St., to E. J. Gross Co., 852 Foster St., About $30,000.

★**Mass., Worcester**—Walden Worcester Inc., 72 Commercial St., let contract building 1 story, 132 x 173 ft., brick and steel plant, concrete flooring and foundation, on Shrewsbury St., to W. F. Kearns Co., 200 Devonshire St., Boston. About $65,000.

★**R. I. East Providence** (Providence P. O.)—Sayles Finishing Co., Slater Trust Bldg., Pawtucket, let contract building 1 story, 44 x 500 ft. and 42 x 70 ft., brick and mill construction factory, concrete foundation, here, to Central Constr. Co., Slater Bldg., Pawtucket. About $25,000.

Industrial Works (Continued)

★R. I., **Providence**—Dolbey Ice Cream Co., 485 Plainfield St., let contract altering and building 2 story, 35 x 60 ft., brick, concrete and steel addition, rein.-con. flooring, concrete foundation, to C. I. Bigney Constr. Co., 898 Westminister St. About $25,000.

★R. I., **Providence**—D. W. Flint Co., Allens Ave., let contract building 1 story, 100 x 150 ft., brick and mill construction storage plant, concrete flooring and foundation, to Interstate Constr. Co., 29 Weybosset St.

★**Conn., Bridgeport**—Crane Co., 836 South Michigan Ave., Chicago, Ill., let contract building 3 story, rein.-con. and steel factory, concrete foundation, here, to Stone & Webster Corp., Milk St., Boston, Mass.

★**Conn., Bridgeport**—Locomobile Co. of Amer., 2 Main St., let contract building 2 story 50 x 80 ft., brick and steel addition to plant, concrete foundation, to T. P. Pardy Constr. Co., 1484 Seaview Ave. About $30,000.

★**Conn., Bridgeport**—Singer Mfg. Co. Pembroke St. and Washington Ave., let contract building 1 story, 23 x 61 ft. forge building, 1 story, 12 x 25 ft. pump house and two 200,000 gal. fuel oil tanks, brick and steel, concrete foundation, on Waterview Ave., to J. R. Sheehan, 211 State St.

★**Conn., Bristol**—J. H. Sessions & Son, Riverside Ave., let contract building brick and rein.-con. storehouse, rein.-con. flooring, concrete foundation, to Torrington Bldg. Co., 197 Water St., Torrington. About $40,000.

★**Conn., Danbury**—Danbury Felt Mills Co., let contract building 2 story, 60 x 160 ft., factory with 35 x 40 ft. ell, and 1 story, 18 x 36 ft., boiler house, rein.-con., rein.-con. flooring, concrete foundation, to Westcott & Mapes, Inc., 207 Orange St., New Haven. About $80,000.

★**Conn., Hartford**—Johnson-Wester Co., 159 Washington St., will build 3 story, 50 x 150 ft., brick and concrete garage, rein.-con. flooring and foundation, on Washington and Park Sts. About $65,000. Work will be done by day labor.

★**Conn., New Britain**—Fafnir Bearing Co., Booth St., let contract building 1 story, 50 x 140 ft., brick and rein.-con. factory, rein.-con. flooring, concrete foundation, on Orange St., to J. H. Grozier Co., 721 Main St., Hartford.

★**Conn., New Haven**—New Haven Clock Co., 133 Hamilton St., let contract building 4 story, brick and mill construction addition to factory, concrete foundation, to C. E. Augur Co., 549 Elm St. About $35,000.

★**Conn., New London**—A. Bloom Co., Inc., 23 Market St., Paterson, N. J., let contract building 2 story, 45 x 430 ft., brick and steel factory, concrete foundation, on Garfield Ave., here, to P. S. Van Kirk Co., 85 Fulton St., Paterson, N. J. About $175,000. Incorrectly noted in our issue of Nov. 20.

★**Conn., Stamford**—Stollwerck Chocolate Co., Greenwich Ave., will build 1 story, 40 x 285 ft., rein.-con. addition to plant, concrete flooring and foundation, on Sunnyside Ave. About $25,000. Work will be done by day labor.

★**Conn., Wallingford**—Wallingford Industrial Assn. let contract building 2 story, 42 x 150 ft., brick and mill construction plant, concrete foundation, on North Cherry St., to Loucks & Clarke, Ernest St. About $42,000.

★**Conn., Waterbury**—A. C. Campbell & Co., 42 State St., let contract building 4 story, 35 x 100 ft. and 2 story, 35 x 140 ft., with ell 50 x 60 ft., brick and mill construction factories, concrete foundation, to T. J. Pardy Constr. Co., 1484 Seaview Ave., Bridgeport. About $60,000.

★**N. Y., Brooklyn**—Amer. Machine Fdry. Co., 55th and 56th Sts. between 1st and 2nd Aves., let contract building 6 story, 127 x 190 ft., brick and steel factory, rein.-con. flooring, concrete foundation, to H. D. Best, 949 Bway., New York City.

★**N. Y., Brooklyn**—J. L. Link, 833 St. Johns Pl., will build 1 story, 75 x 100 ft., brick and steel garage, brick foundation, on Park and Throop Aves. About $75,000. Work will be done by day labor.

★**N. Y., Brooklyn**—Rigney & Co., 348 Park Ave., let contract building 8 story, 75 x 90 ft., rein.-con. factory, on Park Ave., near Ryerson St., to Turner Constr. Co., 244 Madison Ave., New York City.

★**N. Y., Long Island City**—Dings & Schuster, 510 West 25th St., New York City, let contract building 2 story, 56 x 84 ft., factory, on 14th St. near Van Alst Ave., to Aljon Constr. Co., 51 East 42nd St., New York City. About $40,000.

★**N. Y., New York**—Upjohn Co., c/o H. Upjohn, archt., 456-4th Ave., let contract building 5 story, 60 x 75 ft., brick and terra cotta warehouse, at 59-61 Bedford St., to North Eastern Constr. Co., 101 Park Ave. About $250,000.

★**N. Y., Syracuse**—Greenway Brewing Co. let contract building 3, 5 and 7 story, 80 x 500 ft., garage, steel and glass, rein.-con. flooring, rock foundation, on West Water St., to Syracuse Bridge Co., University Bldg. About $250,000.

★**Va., Norfolk**—Virginia Ice & Freezing Co. let contract building 3 story, 150 x 200 ft., rein.-con. plant, to White Constr. Co., Inc., 95 Madison Ave., New York City. About $500,000.

★**Va., Petersburg**—A. M. Rodgers, mgr. International Filler Corp., Salem, let contract building 1 story, 100 x 100 ft., brick factory, here, to E. L. Bass, 708 Bainbridge St., Richmond. About $26,000.

★**O., Ashland**—Osborn Eng. Co., engrs., 2848 Prospect Ave., let contract to G. B. Hicks, South Charleston, building 2 story, 100 x 240 ft. concrete, steel and stone factory, rein.-con. flooring, concrete foundation, for Ashland Tire & Rubber Co. About $150,000.

★**O., Carey**—Carey Tire & Rubber Co. let contract building 3 story, 80 x 160 ft., concrete, steel and brick factory, rein.-con. flooring, concrete foundation, to C. N. Dennis, Tiffin. About $150,000.

★**Mich., Benton Harbor**—Superior Steel Castings Co., Graham St., will build 1 story, 132 x 440 ft., brick and steel factory. Work will be done by labor. Contract furnishing steel let to Indiana Bridge Co., Macedonia Ave. and East 12th St., Muncie, Ind.

★**Mich., Detroit**—Amer. Auto Parts Co. let contract to Thompson-Starrett Co., Lincoln Bldg., constructing plant, consisting of two 1-story, 303 x 361 ft. buildings and 1-story, 105 x 254 ft., foundry and coreroom, rein.-con., brick and steel, concrete flooring and foundation, on French Rd., near Gratiot Ave.

★**Mich., Detroit**—Central Axle Co., c/o Genl. Motors Corp., 435 Woodward Ave., let contract constructing 1 story, 240 x 1080 ft. factory and 2 story, 60 x 275 ft. office building, both brick and steel, rein.-con. flooring, concrete foundation, on Holbrook Ave., to W. E. Wood Co., 1805 Ford Bldg.

★**Mich., Detroit**—Commerce Motor Car Co., 26 Mackie St., let masonry contract constructing 1-story, 120 x 240 ft. plant, also 2-story, 40 x 120 ft. office building, brick and steel, concrete foundation, to L. Zander, 708 14th St.; steel, to Daigle Iron Wks., 549 Lafayette St. and Lewis-Hall Iron Wks., Ferry Ave.

★**Mich., Detroit**—Detroit Creamery Co., Cass St. and Grand River, let contract building 6 story, 70 x 86 x 121 ft., rein.-con., brick, steel and terra cotta factory and office, rein.-con. and tile flooring, concrete foundation, on Case and Adam Sts., to Bryant & Detwiler, 2336 Dime Bank Bldg. About $250,000.

★**Mich., Detroit**—Lincoln Motor Co., Tireman Ave., let contract building 2-story, brick, steel and concrete addition to factory, rein.-con. flooring, concrete foundation, on Livernois and Tireman Aves., to A. A. Albrecht Co., 1130 Penobscot Bldg. About $175,000.

★**Mich., Detroit**—J. C. Wilson Co., 15th and Warren Aves., let contract building 1-story, 60 x 150 ft., brick and steel plant, concrete flooring, brick and concrete foundation, to L. Zander, 708 14th St.

★**Mich., Detroit** — Yoemens Box Co., Wight St., let masonry contract constructing boiler house, garage and dry kiln building, also 1-story, 100 x 240 ft. factory, concrete, brick and steel, concrete foundation, to Martin & Krausman Co., 747 Garland St., steel, to Daigle Iron Wks,, 549 Lafayette Blvd.

★**Mich., Jackson**—Jackson Metal Products Co., 601 Liberty St., let contract building 1-story, 113 x 130 ft., concrete, brick and steel addition to plant, concrete flooring and foundation, to J. C. LaDuc, Liberty St. About $50,000.

★**Mich., Lansing**—D. J. Ryan, c/o Allyne-Ryan Fdry. Co., Aetna Rd., Cleveland, O., let contract building grey iron foundry, 1 story, 300 x 400 ft., brick and steel, brick foundation, here, to Christman Constr. Co., 302 Union Trust Bldg., South Bend, Ind. About $300,000.

★**Ill., Chicago**—Armour Fertilizer Wks., Union Stock Yards, let contract building acid plant, rein.-con and steel, rein.-con. flooring, concrete foundation, to Westinghouse, Church-Kerr, 37 Wall St., New York City. About $150,000.

★**Ill., Chicago**—S. J. Schaeffer, c/o Dubin & Eisenberg, archts., 139 North Clark St., let contract building 3 story, 80 x 170 ft., brick and rein.-con. factory, rein.-con. flooring, concrete foundation, at 1725 North Ave., to Waldemar Constr. Co., 155 North Clark St. About $200,000.

★**Ill., Chicago**—South Side Ice & Beverage Co., West 37th St. and Auburn Ave., let contract building 1 story, 75 x 147 ft., mill construction warehouse, cement flooring, concrete foundation, to A. Nelson, 7950 Princeton St. About $80,000.

★**Ill., Rockford**—Tarkington Motor Co., 19th Ave., will build 1 story, 100 x 500 ft. factory, on Harrison Ave. About $50,000. Work will be done by day labor. Part of contract has been sublet, to A. Clubb, 1115 Harlem Blvd. Total cost, $50,000.

★**Wis., Manitowoc** — Aluminum Goods Mfg. Co., 15th and Franklin Sts., let contract building 1-story, 300 x 340 ft. brick and steel mill, rein.-con. flooring, concrete foundation, to W. W. Oefflein, 86 Michigan St., Milwaukee. About $300,000.

★**Wis., Milwaukee**—Hurley-Davidson Motor Co., 3732 Chestnut St., let contract building 6 story, 122 x 214 ft., rein.-con. and brick addition to factory, concrete foundation, to Raulf Co., Patton Bldg. Total cost, $300,000.

★**Wis., Milwaukee**—Pfister-Vogel Leather Co., 443 Virginia St., let contract building 1-story, 150 x 300 ft. tannery, brick, concrete and steel, rein.-con. flooring, concrete foundation, on 2nd Ave. and Virginia St., to Dahlman Constr. Co., Majestic Bldg. About $125,000.

★**Kan., Sterling**—Arnold-Madans Milling Co. let contract building 7-story, 40 x 200 ft. brick, rein.-con. and steel mill, rein.-con. flooring, concrete foundation, to Fenton Constr. Co., 414 Ridge Arcade, Kansas City, Mo. About $250,000; cost plus percentage basis.

★**Mo., St. Joseph**—Western Tablet Co., 11th and Mitchell Sts., let contract building 6 story, 141 x 157 ft., rein.-con. and brick factory, rein.-con. flooring, concrete and brick foundation, to Swenson Constr. Co., Shubert Bldg., Kansas City. About $364,000.

★**Tex., Breckenridge**—Texas Co., 17 Battery Pl., New York City, let contract building rein.-con. and steel compression and absorbtion plants, rein.-con. flooring, concrete foundation, here, to Westinghouse-Church Kerr, 57 Wall St., New York City. About $150,000.

★**Tex., Ft. Worth**—S. C. Cunningham, 209½ West 8th St., will build 2-story, 95 x 100 ft. brick, concrete, steel and stone garage and auto sales room, concrete foundation, on 6th and North Main Sts. About $35,000. Work will be done by day labor.

★**Colo., Denver**—T. Roberts, 1235 Bway., let contract building 1-story, 100 x 125 ft. garage, on 11th and Bannock Sts., to C. S. Lambie, Tramway Bldg. About $75,000; cost plus percentage basis. Noted Aug. 7.

★**Ore., Portland**—Specialty Fdry. Co., 440 Belmont St., will build 2-story, 100 x 100 ft., frame foundry and machine shop, concrete foundation, on East 10th and Belmont Sts. About $25,000. Work will be done by day labor.

★**Ont., Toronto**—F. R. Pember, Jones Ave. and Grand Trunk Ry., let contract building 600-ton circular rein.-con. coal-handling plant, to J. B. Nicholson, Ltd., Hamilton.

Buildings

PROPOSED WORK

N. H., Manchester—High School—City plans to build 3 story, (30 room) brick and steel, on west side. About $300,000. L. A. Thorp, Amoskeag Savings Bank Bldg., chn. Architect will be selected from competitive plans.

N. H., Manchester—High School—City plans to build 3 story (40 room) practical arts high school and assembly hall. About $450,000. L. A. Thorp, Amoskeag Savings Bank Bldg., chn. Architect will be selected from competitive drawings.

N. H., Manchester—School—City plans to build 2 story, (20 room) brick and steel grammar school. About $160,000. L. A. Thorp, Amoskeag Savings Bank Bldg., chn. Architect will soon be selected from competitive plans.

Mass., Amherst — Memorial — Massachusetts Agricultural College soon lets contract building 2 story, 60 x 120 ft., brick and stone, rein.-con. flooring, concrete and stone foundation, on campus. About $150,000. J. H. Ritchie, 8 Beacon St., Boston, archt. Noted Sept. 11.

Mass., Boston—Store—S. S. Kresge Co., Kresge Bldg., Detroit, having plans prepared by Newhall & Blevins, archts., 9 Park St., for 6 story, concrete and steel, on Washington and Temple Sts., here. About $400,000.

Mass., Lowell—Memorial—City having plans prepared by Blackall, Whittemore & Clapp, archts., 20 Beacon St., Boston, for 2 story stone and concrete. About $1,000,000.

Mass., Lynn—Club—Knights of Pythias, 23 Central Ave., having plans prepared by Burk & Bottomley, archts., 34 School St., Boston, for 2 and 4 story, 90 x 184 ft., brick and stone, concrete foundation. About $200,000. W. E. Solomons, chn.

Mass., Malden (Boston P. O.)—School—S. S. Eisenberg, archt., 203 Bway., Chelsea, receives bids about Dec. 30, building 2 story, 65 x 65 ft., brick and frame, concrete foundation, for Hebrew Free School, 19 Boylston St. About $50,000.

Mass., Medford (Boston P. O.)—Church—Methodist Episcopal Church Society having plans prepared by Woodbury & Stuart, archts., 53 State St., Boston, and receives bids in spring, building new stone church. About $50,000. A. B. Thompson, chn. com.

Mass., Peabody—Mercantile—G. H. Fanning, archt., 221 Essex St., Salem, soon receives bids building 2 story, 36 x 196 ft. and 3 story 66 x 75 ft. brick, concrete foundation, on Main St., here, for L. Karelitz, Central St., Lowell. About $75,000.

Mass., Smiths Ferry—School—Holyoke School Bd. plans to build 3 story, 30 x 75 ft., here. Architect not selected.

Mass., Springfield—Hotel—P. H. Faber, c/o The Oaks, 31 Thompson St., plans to build 3 story, (125 room and 65 bathroom) addition, brick, concrete and steel, on State St. About $200,000. Architect not selected.

Mass., Worcester—Hospital—Trustees St. Vincents Hospital, 73 Vernon St., receive bids about Jan. 1, building 4 story, brick addition, concrete foundation. About $200,000. J. W. Donahue, 40 Walker Bldg., Springfield, archt. and engr.

R. I., Pawtucket—Theatre—Pawtucket Amusement Co., Smithfield, plans to build theatre, here. About $100,000. Architect not selected.

Conn., Bristol—High School—Bd. Educ. having plans prepared by W. Potter, archt. and engr., 22 East 17th St., New York City, for 3 story, brick, steel and stone, brick foundation, here. About $600,000.

Conn., Hartford—School—East Hartford Dist. having preliminary plans prepared by Johnson & Burns, archts., Hartford, for 2 story, 62 x 124 ft. with 42 x 57 ft. ell, brick and terra cotta, rein.-con. foundation. About $200,000.

Conn., Lakeville—Dormitories—Hotchkiss School having plans prepared by C. Gilbert, archt., 244 Madison Ave., New York City, for three or four 3 story, brick and steel, on campus.

Conn., Meriden—Office—E. Derecktor, 39 Crown St., plans to build 2 story, 108 x 118 ft. brick and terra cotta, concrete foundation, on West Main St. About $100,000. Architect not selected.

Conn., Meriden—Office and Salesroom—Meriden Electric Light & Gas Co., Colony St., soon lets contract building 2 story, 48 x 190 ft., brick, terra cotta and concrete

THE FOLLOWING IS A LIST OF FEDERAL AID AND SPECIAL STATE HIGHWAY PROJECTS TO BE UNDERTAKEN BY THE STATE HIGHWAY COMMISSION OF COLORADO DURING 1920

Dist. No.	Proj. No.	State Road	Kind	Length, Mi.	County	Between	Total Cost or Estimate
5	8	42	G-D	17.5	Rio Blanco	Meeker-Craig	$10,658.20
1	11	6-S	G-D	15	Yuma	Wray to Idalia	42,000.00
1	15	9	Concrete	½	Logan	Sterling, South ½ mi.	15,000.00
3	19	34	G-D	30	Prowers	Lamar, South to Baca Co. line	12,000.00
3	20	34	G-D	15	Baca	Springfield, North to Prowers Co. line	6,000.00
4	23	12	Concrete	½	Delta	Delta, South ½ mi.	11,000.00
4	25	12	Concrete	½	Montrose	Montrose, North ½ mi.	11,000.00
4	26	..	G	1½	Ouray	Ouray to Red Mountain on new location. (See also Project No. 65)	18,000.00
5	28	..	G-D	3½	Summit	Grading and draining	13,000.00
1	29	35	G-D	15	Jefferson	Morrison to Baileys via Conifer Jct.-Turkey Creek	60,000.00
1	30	27	Concrete	3	Jefferson	Denver-Morrison Rd.	75,000.00
1	31	7	Concrete	2	Adams, Arapahoe	Denver to Hospital 21, 2 mi.	44,000.00
1	32	49	Concrete	10	Adams	Denver-Brighton Rd.	230,000.00
1	33	2	Concrete	3	Larimer	Ft. Collins, South 3 mi.	75,000.00
1	34	24	Concrete	3	Weld	Greeley, North 1 mi., East 1 mi., South 1 mi.	75,000.00
1	35	49	Concrete	2	Weld	Platteville, South 2 mi.	50,000.00
1	36	2	Concrete	2	Boulder	Longmont, South 2 mi. (See Project No. 14)	45,000.00
1	37	..	Concrete	2	Boulder	Boulder, East 2 mi. (See Project No. 13)	45,000.00
1	38	24	Concrete	2	Morgan	Ft. Morgan-Brush Rd. (See Project No. 16)	45,000.00
1	39	19	G-D-S	15	Washington, Morgan	Akron-Brush Rd.	48,000.00
1	40	19	G-D	10	Yuma	Wray-Schram Rd.	30,000.00
1	41	9	Bridge	Bridge	Logan	Sterling-Merino Rd.	70,000.00
2	42	1-S	G-D	48	Douglas 3/7, El Paso 4/7	Cherry Creek to Colorado Springs Junction	35,000.00
2	44	6-S	G-D	10	(Kit Carson	Burlington, North 10 mi.)	10,000.00
2	45	6-S	G-D	10	(Kit Carson	Burlington, North 10 mi.)	5,000.00
2	46	30	G-D	10	Lincoln	Limon, East 10 mi.	15,000.00
2	47	22	G-D	6	El Paso	Colorado Springs-Cañon City, Dead Man's Cañon Rd.	40,000.00
2	48	8	G-D	6	El Paso	Colorado Springs to Palmer Lake.	30,000.00
2	49	18	G-D	1	El Paso	Colorado Springs to Cripple Creek, Cheyenne Cañon Rd.	20,000.00
2	50	8	G-D	20	Elbert	Castle Rock to River Bend	50,000.00
2	51	32	G-D	10	Cheyenne	Cheyenne Wells, North or West.	25,000.00
2	52	18	G-D	10	Teller	Woodland Park to Cripple Creek.	25,000.00
2	53	17	G-D	26	Chaffee	Buena Vista to Salida	75,000.00
2	54	18	G-D	12	Chaffee	Buena Vista to Divide	40,000.00
2	55	..	G-D	10	El Paso	Peyton to Ramah	17,000.00
2	56	18-S	G-D	5	El Paso ½, Lincoln ½	Farmers Highway, Colorado Spgs. to Boyeno.	15,000.00
		34	G-D	2	Baca	On State Road 34	6,000.00
3	59	5	G-D-S	10	Bent	Las Animas, East	35,000.00
4	64	19	G-D	9	Costilla	Fort Garland to San Luis, Extension of Project No. 24	30,000.00
4	65	13	G-D	1½	Ouray	Silverton-Ouray Rd. (Addl. to Project No. 26)	30,000.00
4	66	44	G-D	10	Montrose, San Miguel..	Top of Norwood Hill to connection with No. 7 Federal Aid Project...	50,000.00
4	67	45	G-D	4	Dolores	Rico, North	20,000.00
4	68	36	G-D	12	Rio Grande, Saguache	Monte Vista-Saguache Rd.	25,000.00
4	69	12 and 13	G-D	7	Delta	Delta to Montrose	60,000.00
				10	Montrose	To Ouray County Line	21,000.00
4	70	46	G-D	10	Delta	Delta-Hotchkiss Rd.	19,000.00
4	71	14	G-D	6	La Plata	Durango-Mancos Rd.	30,000.00
4	72	15	G-D	6	La Plata	Bayfield-Dyke Rd.	40,000.00
5	73	43	G-D	6	Archuleta	Walden to Rand Rd.	27,000.00
5	74	41	G-D	10	Jackson	Craig, West to Maybell	30,000.00
5	75	57	G-D	30	Moffat	Kremmling, North	75,000.00
5	76	42	G-D-S	10	Grand	Meeker-Rifle Road (included in Project No. 4)	30,000.00
5	77	11	Concrete	1¾	Mesa	Grand Junction-Palisade Rd.	50,000.00
5	78	10	G-D	6	Eagle	Battle Mountain Road between Redcliff and Minturn	60,000.00
5	80	52	G-D	15	Routt	Steamboat Springs, North	59,400.00
1	81	..	G-D	4	Jefferson	Vernon Cañon Rd.	35,000.00
1	82		Paved	3½	Jefferson	Denver-Morrison	87,000.00
1	83		Paved	4	Arapahoe	Denver-Colorado Springs, Littleton South	110,000.00
1	84		Paved	2	Morgan	Morgan-Brush	58,000.00
1	85		Paved	2	Morgan	Ft. Collins-Loveland	58,000.00
1	86		Paved	2	Larimer	Loveland-Berthoud	58,000.00
1	87		Paved	2	Larimer	Boulder, East	58,000.00
1	88		Paved	2	Boulder	Longmont, South	58,000.00
1	89		Paved	6½	Adams ½ Weld ½	Brighton Road	30,000.00
1	90		G-D	6	Clear Creek ½, Gilpin ½	Brighton to Ft. Lupton	146,000.00
3	91		G-D	11	Las Animas	Idaho Springs to Central City	40,000.00
3	92		Bridge	Huerfano	Pueblo	Trinidad to Hoehme	20,000.00
3	93		G-D	16	Crowley	Pueblo, East Huerfano Bridge	70,000.00
3	94		G-D	7	Fremont	Ordway, East and West, 16 mi.	40,000.00
3	95		G-D	10	Kiowa	Canon City, East	40,000.00
3	96		Paved	3	Otero	Eads, North	25,000.00
3	97		G-D	18	Prowers	La Junta, West	80,000.00
3	98		G-D	6	Baca	Lamar, East	90,000.00
3	99		G-D	15	Bent	Springfield, North	20,000.00
4	100		G-D	6	Rio Grande ½, Saguache ½	Las Animas, East to County Line No. 5	60,000.00
4	101		G-D	10	La Plata	Del Norte-Saguache Rd.	30,000.00
4	102		G-D	1½	Ouray	Durango	80,000.00
4	103		G-D	6	Montrose	Silverton-Ouray	50,000.00
4	104		G-D	8	Montrose ½, Delta ½	Placerville-Dry Creek	30,000.00
4	105		G-D	5	Dolores	Montrose-Delta	50,000.00
5	106		G-D	6	Routt	Rico-Lizzard Head	40,000.00
5	107		G-D	12	Moffat	Steamboat, East	30,000.00
5	108		Paved	1.8	Mesa	Maybell to State Line	60,000.00
						Grand Junction-Palisade	50,000.00

Dist. No.	Proj. No.	Kind	Length Mi.	County	Between	Total Cost or Estimate
5	109	Paved	1.8	Mesa	Grand Junction-Fruita	50,000.00
2	110	G-D	2	Kit Carson	Burlington, South	10,000.00
2	111	G-D	6	Lincoln	Limon, East	30,000.00
2	112	G-D	5	Park	Divide, towards Lake George	30,000.00
2	113	G-D	6	Chaffee	Salida, North and South	40,000.00
2	114	G-D	4	Elbert	Kiowa, West	20,000.00
2	115	G-D	6	Cheyenne	Cheyenne Wells, West	30,000.00
2	116	Paved	4	El Paso	Colorado Springs, North	100,000.00
2	117	Paved	1½	.....	Colorado Springs-Manitou	35,000.00
	Extended totals					$4,074,358.20

SPECIAL STATE PROJECTS
STATE FUNDS

State Road No.	Kind	Length	County	Between	Total Cost or Estimate
.....	.....	6 mi.	Lake	.....	.....
25	G-D-S	4 mi.	Pitkin	Independence Pass. Rd	$25,027.02
27	Bridges	Bridges	Jefferson	Bear Creek Bridges, 42,000 Denver; 21,000 State	4,807.46
7 and 31	G-D-S	.....	Adams, Arapahoe, Elbert, Lincoln	Denver-Limon Rd	13,554.01
21	G-D-S	1 mi.	Jefferson	Golden Approach to Lookout	1,600.00
	Extended totals				$44,988.49

Buildings (Continued)

wood flooring, concrete foundation. About $100,000. C. Palmer, 191 Church St., New Haven, archt.

Conn., Meriden—Stores and Offices—Griswood, Richmond & Glock, 2 West Main St., having preliminary plans prepared by D. Bloomfield, archt., 129 State St., for 2 story, 100 x 106 ft., brick and rein.-con., concrete foundation. About $75,000. Engineer not selected.

Conn., Meriden—Y. M. C. A., 21-23 Colony St., soon lets contract constructing 4 story, 138 x 138 ft., brick and rein.-con. building, rein.-con. flooring, concrete foundation, on West Main St. About $360,000. C. E. Schunack, chn., bldg. com. Jallade, Lindsay & Warren, 37 Liberty St., New York City, archts.

Conn., Naugatuck—Hotel—P. J. Hall, 1 Oak St., had plans prepared by C. J. Bailey, archt., 95 Bank St., Waterbury, for 3 story, 42 x 100 ft., brick and steel, concrete foundation, on Oak St. About $50,000.

Conn., New Britain—School—Bd. Educ. soon lets contract building 2 story, 115 x 272 ft., brick, concrete and steel, concrete foundation, on Bassett and Ellis Sts. About $200,300. C. C. Palmer, 272 Main St., archt. Noted July 24.

Conn., New Haven—Business—R. W. Foote, archt., 185 Church St., receives bids about Apr. 1, building 12 story, 40 x 90 ft., brick and concrete, on Church and Court Sts., for A. H. Powell, 177 Church St. About $300,000.

Conn., New Haven—Church—St. Brendan's Roman Catholic Congregation, 380 Sherman Ave., plans to build large stone church on Whalley and Ellsworth Aves. Architect not selected.

Conn., New Haven—Laboratory, etc.—State Comn., Hartford, having preliminary plans prepared by F. Slater, archt., 308 Church St., Hartford, for 3 story, 50 x 110 ft., laboratory and agricultural experiment station, and 2 story, 18 x 20 ft. power station for 120 x 600 ft., brick and hollow tile. con. flooring and foundation, on Hillside Ave., here.

Conn., Seymour—High School—Bd. Educ. plans to build 2 story, brick and steel. About $125,000.

Conn., Willimantic — Bank — Windham Natl. Bank, 779 Main St., and T. M. James, archt., 3 Park St., Boston, Mass., soon let contract altering brick and steel bank building, on Main St. About $50,000.

N. Y., Brooklyn (Bensonhurst)—Bank—Holmes & Winslow, archts., 110 West 40th St., New York City, soon let contract building 2 story, 30 x 90 ft., brick, steel, stone and marble, brick foundation, on 20th Ave. and 86th St., for West End Bank, c/o architects.

N. Y., Brooklyn—Bank—East Brooklyn Savings Bank, 643 Myrtle Ave., having plans prepared by Koch & Wagner, archts., 32 Court St., for 1 story, 50 x 100 ft., brick, steel and stone, brick foundation, on Bedford and DeKalb Aves.

N. Y., Brooklyn—Hospital—L. A. Abramson, archt., 46 West 46th St., New York City, soon lets contract building 3 story, 115 x 180 ft., at 4801-4824 10th Ave., for Israel Hospital, Inc., 1246-42nd St. About $410,000.

N. Y., Fulton—High School—Bd. Educ. plans to build 2 story, brick, steel and stone, brick foundation. About $225,000. W. Potter, 22 East 17th St., New York City, archt. and engr.

N. Y., Lake Placid—Hotel—Stevens Hotel Co. plans to build addition to hotel. About $200,000.

N. Y., New York—Club—International Sporting Club, c/o W. H. Gompert, archt. and engr., 171 Madison Ave., having plans prepared for 9 story, brick, steel and stone, brick foundation, on 49th St. and Lexington Ave. About $600,000.

N. Y., New York—Loft—Euvrard, Sambach & Euvrard, archts. and engrs., 29 Cleveland Pl., preparing plans for 7 story, brick, steel and stone, brick foundation, at 48-50 West 36th St. About $400,000. Owner's name withheld.

N. Y., New York—Office—B. H. and C. N. Whinston, archts., 2 Columbus Circle, soon let contract building 3 story, 50 x 66 ft., brick, limestone and terra cotta, at 723 7th Ave. and 169 West 48th St. About $75,000. Owner's name withheld.

N. Y., New York—Office—C. H. Gillespie, archt., 1123 Bway., soon lets contract building 6 story, 32 x 100 ft.,at 47-49 Beaver St., for Importers & Exporters Insurance Co., 17 South William St. About $100,000. Noted Aug. 14.

N. Y., New York—Offices and Lofts—A. E. Lefcourt & Co., 140 Madison Ave., having plans prepared by G. and E. Blum, archts. and engrs., 505-5th Ave., for 12 story, 100 x 200 ft., brick and steel, brick foundation, at 223 West 38th St.

N. Y., Rochester—Library, etc.—City plans to build library and art gallery. About $440,000 available from will of late M. W. Rundel. C. A. Parke, city engr.

N. Y., Saranac Lake—Hotel—Village plans to build hotel. About $400,000. Address T. E. Krumbholz, Saranac Lake.

N. Y., Schenectady—School—City plans to build 2 story, 60 x 200 ft., brick, concrete foundation, at Woodlawn. About $60,000. A. Atkinson, State St., archt. and engr.

N. Y., Syracuse—Fire Station—Bd. Contr. & Supply, receives bids about Jan. 1, building 3 story, brick, concrete and steel, concrete foundation, on West Genesee St. About $50,000. H. C. Allen, City Hall, engr. J. A. Randall, S. A. and K. Bldg., archt.

N. Y., Syracuse—School—Bd. Contr. & Supply receives bids about Jan. 1, building 3 story, brick, concrete and steel, rein.-con. flooring, concrete foundation, on South Alvord St. About $300,000. H. C. Allen, City Hall, engr. M. L. King, Snow Bldg., archt.

N. J., Trenton—Church—Trustees 2nd Presbyterian Church plan to build church on Mercer St., to replace one destroyed by fire. About $50,000. H. J. Baumgartel, 142 Mercer St., pastor. Architect not selected.

N. J., Trenton—Club House—Blue & Gray Post, Amer. Legion, 2nd Regiment Armory, plans to build club house. About $150,000. J. P. Gill, 42 Murray St., chn. Architect not selected.

N. J., Trenton—School—Bd. Educ. Hamilton Twp. rejected bids received Dec. 3 building 2 story, 36 x 105 ft., brick, on South Broad St. About $60,000. Work will be readvertised. W. A. Klemann, 1st Natl. Bank Bldg., archt.

Pa., Chester—Lodge—Tall Cedars Lodge having plans prepared by V. T. Ritter, archt., North Amer. Bldg., for 6 story, 150 x 180 ft., brick and stone, on 9th and Sproul Sts. About $65,000.

Pa., Phila.—Auditorium—See "Industrial Works."

Pa., Phila.—Sales and Service—C. E. Oelschlager, archt., 1615 Walnut St., receives bids about Jan. 1, building 6 story, 210 x 440 ft., concrete and brick, on 24th and Market Sts., for Gomery-Schwartz, 128 North Broad St. About $700,000.

Del., Middletown—School—W. E. Hance archt., 1619 Chestnut St., Phila., receives bids about Feb. 1, building 2 story, 100 x 140 ft., for Bd. Educ. About $100,000.

Va., Richmond—Bank—Bank of Commerce & Trusts, 901 East Main St., having plans prepared by M. E. Ruehrmund, archt., Allison Bldg., for 2 story, brick, concrete foundation, on Hull St. About $75,000.

Va., Richmond — Studio — Collegiate School for Girls, 1619 Franklin St., having plans prepared by C. Messerschmidt, archt., Mutual Bldg., for 3 story, on Franklin St. About $75,000.

N. C., Concord—Hospital—Cabarrus Sanitarium plans to build 3-story, 40 x 80 ft. About $100,000. Heard & Chesterman, Danville, Va., archts.

N. C., Raleigh—Hotel—B. H. Griffin Hotel Co., plans to build 7 story, 105 x 210 ft. on Fayetteville St. About $1,000,000. Architect not selected.

N. C., Reynolds—School—Reynolds Memorial School having sketches drawn by C. B. Keen, archt., 1218 Chestnut St., Phila., for 120 x 600 ft. brick and hollow tile.

N. C., Winston-Salem—Schools—Bd. Educ. plans to construct academy, auditorium and gymnasium, brick. About $1,000,000. C. B. Keen, 1218 Chestnut St., Phila., archt.

O., Caldwell—High School—Bd. Educ. having plans prepared by F. S. Rusk, archt., 16 South 3rd St., Columbus, for high school, here. About $60,000.

O., Cincinnati—Synagogue—L. Feinberg, 3252 Burnet Ave., Avondale, plans to build synagogue, on Rockdale Ave. and Redding Rd., here. About $100,000.

O., Cleveland—Church—Our Lady of Peace Church, 2544 East 110th St., having plans prepared by E. T. P. Graham, archt., 8 Beacon St., Boston, for 1 story, brick, steel and stone, concrete foundation. About $100,000.

O., Cleveland—Library—Cleveland Public Library Bd., 1375 Euclid Ave., plans to build 4 story, 140 x 204 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation, on old city hall site. About $3,500,000. Walker & Weeks, 1900 Euclid Bdg., archts.

O., Cleveland—Store and Theatre—D. Schuman, West 25th St. and Denison Ave., having sketches prepared for 2 story, 90 x 165 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation, on Pearl Rd. About $100,000. Architect's name withheld.

O., Cleveland—Store and Theatre—D. Schuman, West 25th St. and Denison Ave., having sketches prepared for 3 story, 100 x 280 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation, on East 146th St. and Euclid Ave. About $250,000. Architect's name withheld.

O., Columbus—Store and Office—M. H. Rieser, 66-80 East Main St., had plans prepared by Stribling & Lum, archts., 85 North High St., and soon receives bids building 3 story, 80 x 100 ft., brick and terra cotta, on Main and 3rd Sts. About $100,000.

O., Dayton—Market—Jefferson-Main St. Market Co., plans to build 4 story, 50 x 400 ft., rein.-con., rein.-con. flooring, concrete foundation, on South Main St. About $500,000. J. Lowes, Schwind Bldg., archt.

O., Kent—Corridor—Kent Normal School receives bids about Feb. 15, building 2 story, 40 x 140 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation. About $50,000. H. E. Briggs, Rose Bldg., Cleveland, archt.

O., Lakewood (Cleveland P. O.)—Theatre—Lakewood Theatre Co. plans to build 2 story, concrete, steel and brick, concrete foundation, on Detroit and Lakeland Aves. About $75,000. E. M. Baum, Sloan Bldg., Cleveland, pres. Architect not selected.

O., Lorain—Theatre—Rayn-Willis Theatre Co. plans to build 2 story, concrete, steel and brick, rein.-con. flooring, concrete foundation, on Bway. and 6th St. About $250,000. G. B. Post & Sons, 1109 Schofield Bldg., Cleveland, archts.

O., Sidney—School—Bd. Educ., Perry Twp., plans to build 2 or 3 story, 80 x 120 ft., rein.-con. and brick concrete foundation, in Dist. No. 2. Bonds for $50,000 voted for project. Architect not selected.

Buildings (Continued)

Mich., Detroit—Bank—L. Kamper, archt., Book Bldg., preparing plans for 2 story, 58 x 72 ft., rein.-con., steel and stone, rein.-con. flooring, concrete foundation, on Gratiot Ave. near Jos. Campau Ave. About $100,000. Owner's name withheld.

Mich., Detroit—Church—Nativity Church McClellan Ave., having plans prepared by Van Leyen, Schilling & Keough, archts. and engrs., Union Trust Bldg., for 2 story, rein.-con., steel and brick, rein.-con flooring, concrete foundation, on McClellan Ave., near Lamb Ave. About $175,000. F. Heidenrich, pastor.

Mich., Detroit—Commercial—C. Singer, 271 East Kirby Ave., had plans prepared by I. M. Lewis, archt., Congress Bldg., for 2-story, 75 x 120 ft., brick, steel and frame, concrete flooring, brick foundation, on Oakland and Woodland Aves. About $60,000.

Mich., Detroit—Mercantile—J. Turnbull, c/o Mildner & Eisen, archts., Hammond Bldg., soon lets contract building 2-story, 45 x 100 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Adelaide St. About $50,000.

Mich., Detroit — Mercantile — Grennan's Bakery Co., 17th and Porter Sts., soon lets contract building 2 story, 50 x 103 ft., brick and steel, on 17th St. About $50,000. Walsh & O'Dell, Chamber of Commerce, archts.

Mich., Detroit—High School—Bd. Educ., 50 Bway., receives bids about Dec. 23, building 4 story, 100 x 200 ft., rein.-con., brick and steel addition, rein.-con. flooring, concrete foundation, also 4 story addition to portion of present building, on High St. and 2nd Ave. About $1,900,000. Malcomson & Higginbotham, 404 Moffat Bldg., archts.

Mich., Detroit—Office—Sinclair Refining Co., 711 Washington St., Chicago, preparing plans for 2 story, 40 x 100 ft., rein.-con., here. About $50,000.

Mich., Detroit—Pavilion—Kling Products Co., 1424 East Jefferson Ave., having plans prepared by L. Kamper, archt., Book Bldg., for 1 story, 110 x 110 ft., rein.-con., steel and wood, rein.-con. and wood flooring, concrete foundation, on East Jefferson Ave. and Blvd. About $70,000.

Mich., Detroit—School—Bd. Educ., 50 Bwy. Ave., having plans prepared by Malcomson, Higginbotham & Palmer, archts., 405 Moffat Bldg., for 3-story, 100 x 250 ft., rein.-con., brick, steel and terra cotta, rein.-con. flooring, concrete foundation, on Goldberg Athletic Field. About $400,000.

Mich., Grand Rapids—Church and School—Our Lady of Sorrows Church having plans prepared by H. L. Mead, archt., Houseman Bldg., for 2 story, rein.-con. steel, brick and terra cotta, rein.-con. flooring, concrete foundation. About $175,000. S. Clancl, pastor.

Mich., Jackson — Community House — First Methodist Episcopal Church, c/o W. E. N. Hunter, archt., 1306 Chamber of Commerce Bldg., Detroit, having plans prepared for 2-story, rein.-con., brick and steel, concrete foundation. About $200,000.

Mich., Redford—School—Michigan State Auto School, Woodward Ave., Detroit, having plans prepared by C. W. Brandt, archt., Kresge Bldg., Detroit, for technical school, here, to consist of 130 x 160 ft. administration building, two 100 x 400 ft. dormitories, 70 x 200 ft. commercial building, 100 x 150 ft. dining hall, 90 x 300 ft. garage, all 2 story, 100 x 200 ft tractor building, 80 x 150 ft. pumping station and power plant and 40 x 300 ft. motor building, all 1 story, rein.-con., brick and steel, rein.-con flooring, concrete foundation. About $2,000,000.

Mich., Saginaw—Sales—See "Industrial Works."

Ill., Chicago—Hotel—Holabird & Roche, archts., 104 South Michigan Ave., receive bids in January building 3 story, 160 x 180 ft., brick, rein.-con. and steel addition, on Clark and Randolph Sts., for Hotel Sherman Co. About $500,000.

Ill., Chicago—Offices—See "Industrial Works."

Ill., Rockford—Business—G. Anderson, c/o Commercial Bldg. Corp., 719 Seminary St., plans to build 4 story, 110 x 150 ft., on 7th St. About $100,000.

Ill., West Frankfort—School—Bd. Educ. receives bids about Feb. 10, building 3 story, 94 x 215 ft., brick and terra cotta. About $200,000. Architect not selected.

Wis., Milwaukee—Commerce — Chamber of Commerce, 96 Michigan St., plans to build brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. Cost between $600,000 and $1,000,000. H. M. Stratton, pres. Architect and engineer not selected.

Ia., Ames—Church—Methodist Episcopal Church having plans prepared by Proudfoot, Bird & Rawson, archts., Hubbell Bldg., Des Moines, for 2-story, 60 x 112 ft. brick, concrete and steel, brick foundation. About $80,000.

Ia., George—School—Bd. Educ. plans to build 2-story, 108 x 120 ft. brick, concrete and steel, concrete foundation. About $60,000. Perkins & McWayne, Sioux Falls, archts.

Minn., St. Paul—Hotel—Minor Hotel Co., c/o Hotel McGee, Robert and 4th Sts., soon lets contract razing present building and constructing 12 story, 100 x 100 ft., rein.-con., brick and stone. About $1,500,000. M. Fitzpatrick, 17 West 19th St., archt.

Kan., Caney — Store — Atwood-Carinda Hardware & Furniture Co. having plans prepared by T. W. Williamson, archt., 418 Central Natl. Bank Bldg., Topeka, for 2-story, 80 x 150 ft., semi fireproof, rein.-con. flooring, rock foundation. About $50,000.

Kan., Emporia — Hospital — Lyon Co. plans to build brick, rein.-con. and steel, rein.-con. flooring, brick foundation. About $150,000. J. H. Felt & Co., 802 Grand Ave. Temple, Kansas City, Mo., archts.

Kan., Fredonia—School—Bd. Educ. having plans prepared and soon receives bids building 74 x 160 ft. brick and stone, rein.-con. flooring, brick and concrete foundation. About $65,000. T. W. Williamson, 418 Central Natl. Bank Bldg., Topeka, archt.

Kan., Topeka—High School—Bd. Educ., Consolidated Dist. No. 5, soon receives bids building 2- story, 66 x 84 ft. brick, stone, rein.-con. and steel, rein.-con. flooring. About $50,000. T. W. Williamson, 418 Central Natl. Bank Bldg., archt.

Kan., Wichita—Business—G. H. Siedhoff, 121 North Market St., and others plan to build 6-story, 100 x 140 ft. brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $300,000. Architect to be selected at once.

Kan., Wichita—Temple—Wichita Labor Unions plan to build brick, concrete and steel, concrete foundation. About $100,000. Architect to be selected at once.

Neb., Lincoln — Club House — Country Club having plans prepared by Fiske & Meginnis, archts., 533 Bankers Life Bldg., for brick, steel and concrete, brick foundation. About $150,000.

N. D., Bismarck—School—City plans election soon to vote on $75,000 bonds to build school. T. R. Atkinson, city engr.

Mo., Jackson—School—Bd. Educ. having plans prepared by J. H. Felt & Co., archts., Grand Ave., Kansas City, for 2 story, concrete, steel and brick, concrete and brick foundation. About $60,000.

Tex., Dallas—Office—Magnolia Petroleum Co., Great Southwestern Life Bldg., having plans prepared by A. C. Bosson, archt. and engr., 366 5th Ave., New York City, for 10-story, brick and steel, brick foundation. About $1,000,000.

Tex., Ft. Worth—Hospital—Oil men of city are raising funds to build 2 story children's hospital, on 3-acre site. About $100,000. Address, C. E. Gillham, assist. cashier Natl. Bank of Commerce. Hawk & Parr, 501 Security Bldg., Oklahoma, Okla., archts.

Tex., Ft. Worth—Office—N. P. Anderson & Co., Grand and Cotton Exch. Bldg., had plans prepared by Sanguinett & Staats, archts. and engrs., 1st Natl. Bank Bldg., for 11-story, 60 x 200 ft. rein.-con., brick and terra cotta, rein.-con. flooring, concrete foundation, on 7th and Lamar Sts. About $500,000.

Okla., Ardmore—High School—Bd. Educ. plans to build Junior High School. Bonds for $350,000 voted for project. Architect and engineer not selected.

Okla., Hitchita—School—Bd. Educ., Consolidated Dist., soon lets contract building 1-story, 100 x 114 ft. brick, concrete and steel, concrete foundation. About $55,000. H. O. Valeur & Co., 705 Phoenix Bldg., Muskogee, archts.

Okla., Okmulgee — Hotel—Creek Hotel Co. plans to build brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $500,000. Smith, Rea & Lovett, 601 Finance Bldg., Kansas City, Mo., archts.

Ariz., Jerome—Hospital—Lescher & Kibbey, archts., Bank of Arizona Bldg., Phoenix, soon receive bids building 2 story, 40 x 130 ft. rein.-con., for United Verde Extension Mining Co.

Ariz., Warren—High School—Trustees Bisbee School Dist. having preliminary plans prepared by Lescher & Kibbey, engrs., Bank of Arizona Bldg., Phoenix, for 129 x 159 ft. brick.

Wash., Seattle—High School—Bd. Educ. having plans prepared by F. A. Narraticre, school archt., for high school in University Dist., cost $500,000; also Junior high school on 24th and Alder Sts., $400,000.

Ore., Bend—Lodge—B. P. O. E. plans to build 2 or 3 story, 85 x 135 ft., brick or concrete, brick or concrete foundation, along Des Chutes River. About $50,000. Architect not selected.

Cal., Hanford — Schools — City voted $350,000 bonds to purchase site and build high school, and $115,000 to build grammar school.

Cal., Independence—Court House—Bd. Supervs. Inyo Co. soon receive bids building rein.-con. and terra cotta. About $150,000. W. H. Weeks, 75 Post St., San Francisco, archt.

Cal., Long Beach—Schools—City voted $150,000 bonds to build auditorium to high school and $290,000 for 8 grammar schools. Architect not selected. Noted Sept. 11.

Cal., Los Angeles—Schools—Bd. Educ. plans election to vote on $7,000,000 bonds to build schools. W. D. Sheldon, sec.

Cal., Los Angeles—Theatre—A. Ramish, et al, San Francisco, purchased site here, on Bway near 6th St., and plan to build 120 x 130 ft. theatre. Reid Bros., California Pacific Bldg., San Francisco, archts.

Cal., Los Banos—Hotel—S. P. Galvin having plans prepared by A. W. Cornelius, archt., Merchants Natl. Bank Bldg., San Francisco, for 3 story, 100 x 150 ft., brick. About $130,000.

Cal., San Bernardino—Detention Home and Court House—Bd. Supervs. San Bernardino Co. having plans prepared by H. E. Jones, archts., 404 Katz Bldg., for rein.-con. detention home and 2 story, 100 x 104 ft. addition to Hall of Records. About $30,000 and $200,000, respectively.

Cal., San Bernardino—School—Bd. Educ. having plans prepared by H. E. Jones, archt., Katz Bldg., for 1-story, 143 x 178 ft. rein.-con., on Base Line Site. About $90,000.

Cal., San Francisco—Bank and Office—Crocker Estate, c/o W. H. Crocker, Crocker Bank, having plans prepared by W. Polk & Co., archts., Hobart Bldg., for 25 story, on Montgomery and Market Sts. About $5,600,000.

Cal., Strathmore—High School—Trustees Strathmore Union High School Dist. plan to build high school. Bonds for $85,000 voted for project. E. J. Kump, Rowell Bldg., Fresno, engr.

Cal., Ventura—City Hall and Library—City Trustees having plans prepared by A. F. Priest, archt., Fay Bldg., Los Angeles, for 2 story, brick. About $50,000.

BIDS DESIRED

Mass., Lynn—School—Until Dec. 30, by Pub. Bldg. Dept., constructing 1 story, 60 x 110 ft., brick and concrete, concrete foundation, on Ontario St., Pine Hill. About $50,000. W. H. McLean, 110 Tremont St., Boston, archt.

O., Cleveland—Commercial—M. Teplitz and M. Heldman, 4901 Woodland Ave., receiving bids building 2 story, 80 x 100 ft., brick and timber, brick foundation, on East 55th St. and Cobleigh Ave. About $50,000. M. Weis, 618 Union Bldg., archt.

Mich., Detroit—Mercantile—Until Dec. 20, by Williams Bros., archts., Kresge Bldg., constructing 2 story, 72 x 100 ft., brick, steel and terra cotta, brick foundation, for A. Selewsky, Michigan Ave. About $50,000.

Ill., Chicago—Hotel—P. Johnson, archt., 1254 Pratt Blvd., receiving bids building 8 story, 60 x 145 ft., brick and rein.-con. rein.-con. flooring, concrete foundation, at 4910 Sheridan Rd., for Shore View Hotel Co., c/o architects. About $800,000.

Kan., Haven—School—Bd. Educ. receiving bids building 2-story, brick, concrete

Buildings (Continued)

and steel, rein.-con. flooring, concrete foundation. About $60,000. Mann & Gerow, Hutchinson, archts. H. A. Noble, Kansas City, Mo., engr. Noted Sept. 11.

Okla., Tulsa—Hospital—Sisters of Sorrowful Mother, Wichita, Kan., receiving bids building St. John's Hospital, here, 5-story, brick, rein.-con. and steel rein.-con. flooring, concrete foundation Wight & Wight, 1st Natl. Bank Bldg., archts., W. E. Gillham, engr., both of Kansas City, Mo.

Que., Waterloo—College—Until Jan. 15, by Catholic School Comrs., building 3 story, 66 x 75 ft., brick and steel, concrete foundation, at St. Barnavdin College, Couvant St. About $150,000. V. Carow, St. Catharine St., E. Montreal, archt.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Brookline** (Boston P. O.)—Sales—D. Cerussi, 1371 Commonwealth Ave., let contract building 2 story, 110 x 135 ft., rein.-con., concrete flooring and foundation, on Winslow Rd., to F. J. Van Etten Co., 153 Milk St., Boston. About $125,000.

★**Mass., Framingham**—School—Comn. let contract building 2 story, 157 x 201 ft., brick and stone, concrete foundation, on Lincoln St., to J. P. Keating, Westboro. About $160,000. Incorrectly noted in our issue of Oct. 30-Nov. 6.

★**Mass., Greendale** (Worcester P. O.)—Housing—Norton Co., Barbers Crossing, Worcester, let contract building 100 houses, streets, sidewalks and sewer connections, here, to F. T. Ley Co., Devonshire St., Boston. About $500,000.

★**Mass., Holyoke**—Store—McAuslan & Wakelin Co., Inc., 239 High St., let contract converting present office building into extension of present department store, on High and Dwight Sts., to M. I. O'Connor, 89 Main St., Northampton. About $50,000.

★**Mass., Waban** (Boston P. O.)—School—Pub. Bldg. Comn., Newton, let contract building 2 story, 110 x 150 ft., brick, concrete and steel, concrete flooring and foundation, here, to C. S. Cunningham & Sons Constr. Co., 7 Water St., Boston, $234,140.

★**Mass., Worcester**—Sales, etc.—Livingstone Motor Co., 109 Grafton St., let contract building 3 story, 80 x 250 ft., brick and concrete, sales, service and assembly plant, concrete flooring and foundation, ... Shrewsbury St., to E. J. Cross Co., 82 Foster St. About $150,000.

R. I., Westerly—Bank and Office—Washington Trust Co., Main St., received lowest bid building 4 story, 88 x 90 ft., brick, concrete and steel, concrete flooring and foundation, on Main and Broad Sts., from W. L. Crow Constr. Co., 103 Park Ave., New York City.

Conn., Glenville—School—G. E. Bearn, secy. Greenwich Corp., 335 Greenwich Ave., Greenwich, received only bid building 2 story, 148 x 155 ft., brick and steel, concrete foundation, here, from Rangeley Constr. Co., 56 West 39th St., New York City, $233,500.

★**Conn., New Britain**—Club—New Britain Boys Club, 85 East Main St., let contract building 2 story, 50 x 78 ft., brick and steel addition, concrete foundation, on Center and East Main Sts. to B. H. Hibbard Co., 153 Arch St. About $50,000. Noted Aug. 14.

★**Conn., New Britain**—School—State Bd. Educ., Hartford, let contract building 2 story, 64 x 110 ft., brick, concrete and steel addition to Normal Training School, concrete foundation, on Camp St., here, to J. H. Grozier Co., 721 Main St., Hartford. About $150,000. Noted July 24.

★**Conn., New Haven**—Murphy & Dana, archts., 311 Madison Ave., New York City, let contract to Larkin-Carey Co., 166 Brewery St., constructing brick, concrete and steel addition to building, rein.-con. flooring, concrete foundation, on Howe and Chapel Sts., for Y. M. C. A., 470 Ellsworth Ave. About $150,000. Noted Sept. 11.

★**N. Y., New York**—Club—Amalgamated Centre, Inc., c/o G. A. and H. Boehm, archts. and engrs., 9 West 42nd St., will build 7 story, 60 x 130 ft., brick, steel and stone, brick foundation, on 2nd Ave. and 11th St. About $500,000. Work will be done by day labor.

★**N. Y., New York**—Office—Castillo Bldg. Corp., 24 State St., will alter 5 story, brick and steel, at 16 Beaver St. About $70,000. Work will be done by day labor.

★**N. Y., New York**—Office—Peck & Peck, 586-5th Ave., will build 10 story, brick and steel, brick foundation, at 587 5th Ave. About $200,000. Work will be done by day labor under supervision of architects.

★**N. Y., New York**—Parish—Ludlow & Peabody, archts. and engrs., 101 Park Ave., let contract to J. E. Wallace, 442 West 46th St., building 5 story, 25 x 100 ft., brick and steel addition, brick foundation, at 19 West 99th St., for St. Judes Chapel. Noted Aug. 14.

★**N. Y., New York**—Stores and Lofts—J. Tishman & Sons, 18 East 41st St., will build 16 story, 93 x 98 ft., brick, steel and stone, brick foundation, at 19 West 37th St. About $850,000. Work will be done by day labor.

★**N. Y., Riverdale**—Dormitory—Riverdale Country School, c/o McKim, Meade & White, archts., 101 Park Ave., New York City let contract building 3 story, to F. T. Ley Co., Inc., 19 West 44th St., New York City. About $350,000.

★**N. J., Atlantic City**—Store—Braustein & Blatt, 1420 Atlantic Ave., let contract building 8 story, 110 x 150 ft., concrete and brick, on Atlantic and South Carolina Aves., to Warren Moore & Co., 13th and Market Sts., Phila. About $500,000.

N. J., Trenton—Hotel—Stacy-Trent Hotel Co., Broad St. Bank Bldg., received bids building 10 story, on West State St., from Amsterdam Bldg. Co., 140 West 42nd St., New York City, $1,500,000 (general contract), Standard Arch Co., 217 West 14th St., New York City, $100,000, (rein.-con. contract), J. Davis Co., Ellicott Sq., Buffalo, $85,000, (plastering). Noted Sept. 18.

★**Va., Richmond**—Bank—Planters Natl. Bank, 12th St., let contract building 1 story, brick and stone, rein.-con. flooring, concrete foundation, on 12th and Main Sts., to J. F. Wilson, Mutual Bldg. About $200,000. Noted July 10.

★**N. C., Wilmington**—School—Bd. Educ. let contract building 3 story, brick and hollow tile, rein.-con. flooring, to Liberty Eng. & Constr. Co., Wilmington. About $312,000.

★**O., Chillicothe**—Office—L. T. Franklin let contract for concrete and cement work building 3 story, 45 x 62 ft., fireproof, to P. Mover, plumbing and steam heating, to Jardiner Plumbing Co., plastering to J. E. Maxwell, electrical work to Wissler Hardware Co., tile work to W. A. McNeiles, carpenter work to F. C. Simon, all of Chillicothe; roofing to F. O. Schoedinger, and cut stone to J. Keintz, both of Columbus. About $50,000. Noted Sept. 11.

★**O., Cleveland**—Store—May Co., East 1st St. and Euclid Ave., let contract building 2 story, 240 x 400 ft., concrete, steel, brick and terra cotta addition, rein.-con. flooring, to J. Black Masonry & Contg. Co., 212 West Washington Blvd., Chicago. About $500,000.

★**O., Lorain**—Store, Pavilion, etc.—F. Andorka, Vine St., let contract building 2 story, 50 x 110 ft., brick, brick foundation, on East 30th St., to Van Blarom Constr. Co., 22nd St. and Prospect Ave., Cleveland. About $60,000.

★**O., New Concord**—Administration—J. K. Montgomery, pres. Muskingum College, let contract building 3 story, 60 x 150 ft., brick, on campus, to Detweiler Constr. Co., Zanesville. About $186,000.

★**Mich., Detroit**—Church—Ninde Methodist Episcopal congregation, c/o W. E. N. Hunter, archt., 1306 Chamber of Commerce, let contract building 1-story, concrete, steel and brick, concrete foundation, on Beverly Ct. and Grand River Ave., to Bryant & Detwiler, 2336 Dime Bank Bldg.

★**Mich., Detroit**—Hotel—Freud Hotel Co., Hotel Addison, let contract building 17 story, 100 x 100 ft., steel, brick and terra cotta, rein.-con. flooring, concrete foundation, on Witherall and Elizabeth Sts., to G. A. Fuller Co., 540 Penobscot Bldg. About $2,000,000.

Mich., Detroit—Office—See "Industrial Works."

★**Mich., Detroit**—Office—See "Industrial Works."

Mich., Detroit—School—Bd. Educ. received masonry bids building 2-story, 150 x 211 ft., rein.-con., brick, steel and terra cotta, on Maplewood and Spokane Aves., from F. H. Goddard, Inc., 516 Franklin St., $187,373, M. Bartholomei & Son, 466 Warren Ave., $190,842, F. N. Cooper, 400 Penobscot Bldg., $192,000; carpentry, Harcus & Co., 774 Russell St., $47,257, E. Thiede, 287 Berlin St., $47,500; heating, ventilating and plumbing, Irvine & Meier, 2289 Woodward Ave., $81,682, J. W. Partlan, 51 Park Pl., $90,346, W. J. Rewoldt, 506 Owen Bldg., $90,860; electric wiring, etc., J. Miller Co., Penobscot Bldg., $12,545, Howell & Sewell, Penobscot Bldg., $12,615. Iron City Eng. Co., 1332 Dime Bank Bldg., $12,785.

★**Ia., Ainsworth**—School—Bd. Educ., Consolidated Dist., let contract building 3-story, 60 x 85 ft. brick, concrete and steel, concrete foundation, to J. Thye Co., 1820 Sunnyside Ave., Burlington, $56,540.

★**Ia., Ankeny**—Junior High School—Bd. Educ. let contract building 1-story, 75 x 118 ft. brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, to Western Constr. Co., Earlham. About $104,800. Noted Sept. 18.

★**Minn., Duluth**—Exchange—Duluth Telephone Co., East 1st St., let contract building 4 story, 50 x 140 ft., rein.-con. and brick addition, to G. H. Launsberry, 322 East Superior St. About $250,000.

★**Kan., Girard**—Court House and Jail—Comrs. Crawford Co. let contract building 3-story, 9 x 123 ft. brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, to Midwest Constr. Co., Oklahoma, Okla., $289,200. Noted June 26.

★**Kan., Hutchinson**—School—Bd. Educ. let contract building Winans School, 3-story, 62 x 82 ft. brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, to W. C. Barnes, Hutchinson. About $70,000; cost plus percentage basis.

★**Kan., Hutchinson**—School—Bd. Educ. let contract building Roosevelt School, 3-story, 62 x 82 ft. brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, to M. C. Foy, Hutchinson. About $70,000; cost plus percentage basis.

★**Kan., Hutchinson**—Theatre—Columbia Realty & Amusement Co. let contract building 2-story, 50 x 150 ft. brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, to L. R. Pinaire, 947 North Hillside Ave., Wichita. About $100,000; cost plus percentage basis.

Neb., Omaha—City Jail—W. J. Hunter, city clk., received lowest 3 bids building 4 story, 86 x 132 ft., rein.-con. and brick, rein.-con. flooring, concrete foundation, on 11th and Dodge Sts., from R. Butke, 528 Paxton Blk., $133,800; T. Herd & Son, 814 South 33rd St., $152,800; W. P. Deverell, 435 Railway Exch. Bldg., $158,900.

★**Neb., Omaha**—Office—Medical Society Bldg. Co., 826 Brandeis Theatre Bldg., let contract building 16 story, 88 x 132 ft., brick, rein.-con., steel and terra cotta, rein.-con. flooring, concrete foundation, on 17th and Dodge Sts., to Selden Breck Constr. Co., 537 Keeline Bldg. About $2,000,000; cost plus percentage basis. Noted June 13.

★**Neb., Winnebago**—School—Bd. Educ. let contract building 1 and 2-story, 65 x 130 ft. brick and timber, concrete foundation, to B. E. Short, Sioux City, Ia. About $100,000. Noted July 31.

★**Okla., Sulphur**—School—State Bd. Pub. Affairs, Oklamoma, let contract building 2 story, 52 x 96 ft. school for boys, here, brick, rein.-con. and steel, concrete foundation, to V. O. Mathews, Chandler. About $52,500.

★**Ore., Portland**—Sales—Francis Motor Car Co., East 13th St. and Hawthorne Ave., let contract building 3 story, 90 x 95 ft., brick and rein.-con., concrete foundation, on Grand and Hawthorne Aves., to A. Guthrie & Co., Inc., Sherlock Bldg. About $60,000.

★**Cal., Los Angeles**—Offices—T. B. Story, Story Bldg., let contract building 13 story, 119 x 153 ft., rein.-con., on Spring St., to Weymouth Crowell, 2026 West 9th St. About $750,000.

★**Ont., Chapleau**—School—Dominion Government, Ottawa, let contract building 3 story, 80 x 100 ft., school, here, (for native Indian population) to Gustiana & Zettler, Copper Cliff. About $89,000. Noted Apr. 24.

Federal Government Work

PROPOSED WORK

Mass., Atlantic—Removal of Buildings and Machinery—Spec. 4106—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to remove buildings and machinery from Fall River to here. About $50,000.

N. Y., Buffalo—Radio Building—Spec. 4108—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to construct here. About $9000.

Pa., Lewiston—Post Office—Treas. Dept., Wash., D. C., rejected bids received Nov. 20, for labor and material for building, here.

Federal Government Work (Continued)

S. C., Paris Island—Seawall, Roads, Curbs and Gutters—Spec. 4104—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build here. About $86,000.

Miss., Meridian—Remodeling Post Office—Treas. Dept., Wash., D. C., rejected bids received Nov. 24, remodeling post office and court house, here. J. A. Wetmore, superv. archt.

Wis., Milwaukee—Radio Building—Spec. 4107—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to construct radio building on U. S. Naval Grounds, McKinley Park. About $9000.

Wash., Puget Sound—Fan and Air Compressor—Puget Sound Navy Yard, plans to install 1 exhaust fan, 11,000 cu.ft. of air per minute against static head of 6 in. of water when operating 12000 r.p.m. and one air compressor set, motor driven. S. E. Barber, supply officer.

Cal., San Diego—Coal Hopper—Spec. 4105—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build here.

BIDS DESIRED

Mass., Fitchburg—Remodeling Post Office—Until Jan. 5, by Treas. Dept., Wash., D. C., remodeling, here. J. A. Wetmore, superv. archt.

N. J., Cape May—Dirigible Hangar—Spec. 4080—Until Jan. 7, by Bureau Yards & Docks, Navy Dept., Wash. D. C., altering and building addition to dirigible hangar, 708 ft. long, 155 ft. wide and 113 ft. high from floor to center pin of arch at Naval Air Sta. and dismantling 100,000 cu.ft. capacity gas holders, at Montauk, L. I., and transferring and storing here.

D. C., Wash.—Buildings—Until Dec. 31, at office of Constr. Quartermaster, constructing A and B Bldg., 33 x 42 ft. brick and steel, fireproof floors and roof, incinerator and can washer, 265 gal. steel tank, one 45 ft. brick stack, with fireproof lining.

D. C., Wash.—Electric Traveling Cranes—Spec. 4094—Until Dec. 30, by Bureau Yards & Docks, Navy Dept., furnishing and installing two 15-ton electric traveling bridge cranes, with 5-ton auxiliary in proof shop at Navy Yard. About $22,000.

Va., Alexandria—Partitions—Spec. 4098—Until Dec. 23, by Bureau Yards & Docks, Navy Dept., Wash., D. C., building in Torpedo Assembly Plant, here. About $25,000; $10 deposit required for plans and spec.

S. C., Charleston—Heating—Spec. 4091—Until Dec. 23, (change of date), by Bureau Yards & Docks, Navy Dept., Wash., D. C., installing heating system for torpedo storehouse building No. 101 and building boiler house addition to same building, at Naval Ammunition Depot, here; $10 deposit required for plans and spec.

Fla., Pensacola—Heating System—Spec. 4071—Until Dec. 23, by Bureau Yards & Docks, Navy Dept., Wash., D. C., installing heating system at Torpedo Storehouse and constructing additional building with brick chimney at Naval Ammunition Depot, here. About $15,000. $10 deposit for plans and spec.

Ala., Florence—Lock and Esplanade—Until Jan. 2, by U. S. Eng. Office, Florence, building lock and esplanade for dam at Widows Bar, Tennessee River, near Bridgeport.

Ky., Ashland—Alterations to Post Office—Until Jan. 6, by Treas. Dept., Wash., D. C., altering Post Office, here. J. A. Wetmore, superv. archt.

Ky., Dawson Springs—Additional Buildings—Until Jan. 13, by Treas. Dept. Wash., D. C., constructing 19 additional buildings (exclusive of mechanical equipment) at U. S. Pub. Health Sanitarium, here. J. A. Wetmore, superv. archt.

Cal., San Diego—Building—Spec. 4047—Until Dec. 23, by Bureau Yards & Docks, Navy Dept., Wash., D. C., constructing 1 story, central buildings, covering 30,000 sq.ft. floor space, consisting of power house at center with ell-shaped east and west wings for housing utilities, at Marine Corps Base, here. About $200,000. Former bids rejected.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Boston**—Officers' Quarters, Pavilion, etc.—Treas. Dept., Wash., D. C., let contract building senior and junior officers' quarters, nurses, pharmacists and attendants quarters and tuberculosis pavilion, here, to Connors Bros., 15 West 91st St., New York City. Cost $40,000 (4 months). Noted Sept. 11.

Va., Harrisonburg—Extension of Post Office—Treas. Dept., Wash., D. C., received bids Dec. 10, extending Post Office and Court House building, here, from W. P.

TENTATIVE LIST OF NEW YORK STATE HIGHWAYS TO BE CONSTRUCTED IN THE FOLLOWING COUNTIES DURING 1920

Road	Type	Miles	County
Greene County Line-Ravena	Concrete	1.00	Albany
Altamont-Voorheesville	Concrete	7.20	Albany
Callanan Corners-Becker Corners	Concrete	4.30	Albany
Selkirk-Coeymans	Concrete	0.29	Albany
Bolivar-Wellsville, Part 3	Concrete	2.80	Allegany
Hallsport-Whitesville	Concrete	2.05	Allegany
Lisle-Cortland County Line	Concrete	4.75	Broome
Riverside Drive: Binghamton (elimination)	Concrete	0.25	Broome
Vestal Center-Binghamton	Bit. mac	6.00	Broome
Maine-Glen Aubrey	Concrete	5.35	Broome
Castle Creek-Whitney Point	Concrete	6.93	Broome
Arcade-Farmersville, Part 2	Concrete	4.15	Cattaraugus
Salamanca-Ellicottville, Part 2	Concrete	5.68	Cattaraugus
Portville-Carroll	Concrete	1.91	Cattaraugus
Cattaraugus-Dayton, Part 1	Concrete	5.20	Cattaraugus
Cattaraugus-Dayton, Part 2	Concrete	4.10	Cattaraugus
Weedsport-Jordan, Part 1	Concrete	3.30	Cayuga
Victory-Red Creek	Concrete	5.00	Cayuga
Pennsylvania State Line-Ripley	Concrete	7.04	Chautauqua
Westfield-Brocton	Concrete	6.25	Chautauqua
Village of Westfield	Concrete	2.35	Chautauqua
Village of Fredonia	Concrete	1.30	Chautauqua
Village of Silver Creek	Concrete	1.30	Chautauqua
Pratts Corners-Sinclairville	Concrete	3.00	Chautauqua
Southport-Fassett	Concrete	4.55	Chemung
Afton-Coventry, Part 2	Bit. mac	2.92	Chenango
Sherburne-Columbus	Bit. mac	7.00	Chenango
Ingraham-Chazy	Concrete	5.50	Clinton
Schuyler Falls-Morrisonville	Bit. mac	5.20	Clinton
Forestdale-Black Brook, Part 2	Bit. mac	4.00	Clinton
Copake Iron Works-Copake	Concrete	1.72	Columbia
Hillsdale-Austerlitz, Part 1	Concrete	2.75	Columbia
Chatham-Chatham Center	Concrete	3.25	Columbia
Stuyvesant-Sunnyside	Concrete	3.90	Columbia
Marathon-Cortland, Parts 1, 2 and 3	Concrete	6.54	Cortland
Solon-Gee Brook, Part 2	Bit. mac	2.50	Cortland
Andes-Margaretville, Parts 1 and 2	Concrete	10.50	Delaware
Hancock-Long Eddy	Bit. mac	6.00	Delaware
Bloomville-Hobart	Concrete	3.00	Delaware
Fishkill Plains-Poughkeepsie, Part 2	Concrete	4.95	Dutchess
Rhinebeck-Rhinecliff	Concrete	2.28	Dutchess
Holland-Yorkshire, Part 2	Concrete	2.50	Erie
Akron-Crittenden	Concrete	1.00	Erie
Cowlesville-Alden, Part 2	Concrete	3.77	Erie
Evans-Eden, Part 1	Concrete	3.20	Erie
Buffalo-Cheektowaga	Concrete	2.30	Erie
Athol Springs-Orchard Park	Concrete	3.79	Erie
Gardenville-Williamsville	Concrete	7.30	Erie
Whallonsburg-Essex	Concrete	2.00	Essex
Ticonderoga-Washington County Line	Concrete	4.00	Essex
Paul Smiths-Mountain Pond	Concrete or bit. mac	2.83	Franklin
Saranac Junction-Lake Clear	Concrete or bit. mac	2.00	Franklin
Bangor-West Bangor	Bit. mac	2.50	Franklin
Tupper Lake-Saranac Lake, Part 1	Bit. mac	3.53	Franklin
Stone Arabia-Ephratah, Part 2	Concrete	1.10	Fulton
Broadalbin-East Galway (Fulton-Saratoga Conties)	Concrete	3.50	Genesee
Darien Center-Alexander	Bit. mac	4.56	Greene
Jewett Center-East Ashland	Bit. mac	1.50	Greene
Cairo-Purling	Bit. mac	3.00	Hamilton
Morehouseville-Piseco, Part 2	Concrete	3.36	Herkimer
West Winfield-County Line	Concrete	2.00	Herkimer
West Winfield-Exeter	Concrete	3.50	Herkimer
Cedarville-East Winfield	Concrete	8.37	Jefferson
Carthage-Antwerp, Part 1	Concrete	2.61	Jefferson
Ellisburg-Woodville	Concrete	4.78	Jefferson
Watertown-Philadelphia, Part 1	Bit. mac	4.74	Lewis
Barnes Corners-Copenhagen, Part 2	Concrete	2.00	Livingston
Dansville-Conesus	Concrete	8.34	Livingston
Conesus-Wayland	Concrete	1.60	Madison
Cazenovia Village: Albany Street	Concrete	5.25	Madison
Oneida-Clockville-Canastota	Concrete	4.00	Monroe
Fairport-County Line	Concrete	3.69	Monroe
Rush-Mendon, Part 1	Concrete	4.50	Montgomery
Fultonville-Amsterdam, Part 1	Concrete	3.63	Montgomery
Manny Corners-Blue Corners	Concrete	0.40	Nassau
Front Street: Hempstead	Bit. mac	9.00	Nassau
Valley Stream-Wantagh	Concrete	5.00	Nassau
Wantagh-Amityville	Concrete	0.50	Nassau
Westbury (Post Ave.) to C. H. No. 1343	Concrete	1.15	Nassau
Middle Neck-Brady Estate Road	Concrete	3.00	Niagara
Lockport-Pendleton	As designed	2.38	Niagara
Wendellville-Lockport, Part 2	Concrete	2.00	Oneida
Utica-Poland, Part 2	Concrete	10.40	Oneida
Frenchville-Holland Patent, Parts 1 and 2	Dual type	7.20	Oneida
Bridgewater-Sangerfield	Concrete	4.05	Onondaga
Scott-Borodino, Part 2	Bit. mac	0.22	Onondaga
East Onondaga: Seneca Street	Concrete	2.50	Onondaga
Syracuse-Otisco, Part 2	Bit. mac	1.00	Ontario
Bloomfield-Bristol Center	Concrete	4.60	Ontario
Chapin-Palmyra, Part 2	Concrete	2.20	Ontario
Phelps-Geneva	Concrete	2.59	Orange
Fort Montgomery-Highland Falls	Concrete	1.51	Orange
Unionville-New Jersey State Line	Concrete	6.80	Orange
New Hampton-Denton	Concrete	8.50	Orange
Montgomery-Bullville	Concrete	3.70	Orange
Harriman Village	Bit. mac. or concrete	7.50	Orange
Cronomer Valley-Plattekill	Concrete	1.14	Orange
Rockland County Line-Woodbury T'n Line	Concrete	1.25	Orange
Balmville-Newburgh	Concrete	2.10	Orlens
Walden Village	Concrete	4.82	Orleans
Kendall-Morton	Concrete	9.50	Oswego
Barre Center-Elba, Part 1	Concrete	4.65	Oswego
Williamstown-Redfield	Bit. mac	0.66	Oswego
Palermo-Mexico, Part 1	Concrete	3.00	Oswego
Minetto-Fulton	Conc. or bit. mac	5.80	Oswego
Central Square-Constantia, Part 2	Conc. or bit. mac	6.36	Oswego
Constantia-Cleveland	Bit. mac	....	Otsego
Sandy Creek-Smartville	Concrete or bit. mac	7.83	Otsego
Sidney Gap: Grade Crossing Elimination	Concrete	4.00	Rensselaer
Cherry Valley-Sharon Springs (Otsego-Schoharie Counties)	Concrete	5.10	Rensselaer
Defreestville-West Sand Lake			
Johnsonville-Buskirk			

Road	Type	Miles	County
West Haverstraw-Tompkins Cove	Concrete	3.92	Rockland
Rockland Lake-Congers	Concrete	2.50	Rockland
New Jersey State Line-Nyack	Concrete	5.57	Rockland
Nyack: Midland Avenue	Concrete	0.50	Rockland
Massena-Winthrop, Part 1	Concrete	3.64	St. Lawrence
Canton-Madrid, Part 2	Bit. mac. or concrete	5.85	St. Lawrence
Potsdam-Winthrop, Parts 1 and 2	Bit. mac. or concrete	14.05	St. Lawrence
DePeyster-Ogdensburg	Bit. mac	11.16	St. Lawrence
Gouverneur-Edwards, Part 2	Concrete	4.60	St. Lawrence
Malta-Bemis Heights, Part 1	Concrete	4.17	Saratoga
Ballston Lake-Crescent, Part 2	Concrete	3.50	Saratoga
Rexford Flats-Wait Corners-Groom Cors.	Bit. mac	6.10	Saratoga
Broadalbin-E. Galway (Sara.-Fulton Cos.)	Concrete	10.50	Saratoga
Pattersonville-Scotch Church	Dual type	3.42	Schenectady
Scotia-Saratoga County Line, Part 2	Concrete	3.90	Schenectady
Sharon-Sloansville	Concrete	10.50	Schoharie
Franklinton-Middleburg	Bit. mac	5.60	Schoharie
Cobleskill-Sharon Springs, Part 2	Bit. mac	5.22	Schoharie
Cherry Valley-Sharon Springs (Schoharie-Otsego Counties).			
Watkins-Hector, Part 1	Concrete	2.95	Schuyler
Hector-Lodi	Concrete	10.00	Seneca
MacDougall east to C. H. No. 326	Concrete	1.70	Seneca
Seneca Falls-Nichols Corners	Concrete	1.80	Seneca
Canisteo-Whitesville, Part 3	Bit. mac	2.00	Steuben
Seely Creek-Caton, Part 2	As designed	4.00	Steuben
Corning-Hornby	As designed	6.00	Steuben
Hartsville-Canisteo	Bit. mac	5.57	Steuben
Kanona-Prattsburg, Part 1	Concrete	6.40	Steuben
Center Moriches-East	Concrete	3.00	Suffolk
Mongaup-Pond Eddy	Concrete	5.69	Sullivan
Wurtsboro-Ellenville (Sullivan-Ulster Co.).			
Candor-Tompkins County Line	Concrete	7.75	Tioga
Spencer-Van Etten	Concrete	1.50	Tioga
Smithboro-Nichols	Concrete	4.10	Tioga
Richford-Harford Mills	As designed	5.50	Tioga
South Lansing-Myers	Concrete	2.00	Tompkins
Mecklenburg-Enfield, Part 2	Concrete	3.10	Tompkins
Highland-New Paltz	Concrete	7.19	Ulster
Bearsville-Beechford-Mt. Pleasant	Bit. mac	6.83	Ulster
Saugerties-Palenville, Part 1	Bit. mac	7.50	Ulster
Saugerties Village	Concrete	0.85	Ulster
Rosendale Village	Concrete	3.17	Ulster
Wurtsboro-Ellenville (Ulster-Sullivan Co.)	Concrete	11.04	Ulster
North Creek-North River	Concrete	4.85	Warren
Chestertown-Hague, Part 3	Bit. mac	5.13	Warren
Whitehall-Fair Haven	Concrete	7.90	Washington
Adamsville-Hartford	Concrete	5.30	Washington
Greenwich-Cambridge	As designed	6.98	Washington
Newark-Lyons	Concrete	5.45	Wayne
Clyde-Lyons	Concrete	5.58	Wayne
Lyons Village	Concrete	0.27	Wayne
Pittsford-Palmyra, Part 3	Concrete	3.00	Wayne
Rye Village: Boston Post Road	Asphalt block	0.51	Westchester
Port Chester Village: Boston Post Road	Asphalt block	0.72	Westchester
Mt. Vernon City: Columbus Avenue	Concrete	3.05	Westchester
Mt. Kisco-Katonah	Concrete	4.10	Westchester
Valhalla-Hawthorne	Concrete	2.70	Westchester
Williams' Corners-Scott Corners	Bit. mac	5.72	Westchester
Varysburg-Warsaw, Part 1	Concrete	3.54	Wyoming
Warsaw Village Connection	Concrete	0.75	Wyoming
Perry Center-West	Concrete	3.00	Wyoming
Bennington-Attica-Attica Center	As designed	6.99	Wyoming
Hammondsport-Dundee, Part 4	Bit. mac	4.62	Yates
Penn Yan-Potter	Bit. mac	2.24	Yates
Rushville-Potter-Middlesex-Overacker C'rs.	As designed	9.63	Yates

Federal Government Work (Continued)

Thurston, Merchants Natl. Bank Bldg.; Richmond, $12,900; J. Nielson & Co., Harrisonburg, $16,430; King Lumber Co., Charlottesville, $23,968.

S. C., Charleston—Quay Wall—Spec. 4078—Bureau Yards & Docks, Navy Dept., Wash., D. C., received bids Dec. 10 building 830 ft. quay wall, here, (1) work complete, from Snare & Triest Co., 8 West 40th St., New York City, (1) $287,400 (200 days), (2) $370, (3) $1.50, (4) $15,000, (5) add $28 deduct $24, (6) add $.50 deduct $.20, (7) add $.80 deduct $.30; McHard Barton Co., 171 Madison Ave., New York City, (1) $314,000 (210 days), (2) $320, (3) $.80, (4) $9600, (5) add $30 deduct $15, (6) add $.75 deduct $.20, (7) add $1 deduct $.30; McLean Contg. Co. 1415 Fidelity Bldg., Baltimore, Md., (1) $323,000 (325 days), (2) $300, (3) $.80, (4) $9500, (5) add $30 deduct $15, (6) add $.95 deduct $.10, (7) add $1.35 deduct $.20.

Fla., Tampa—Radio Towers—Spec. 4088—Bureau Yards & Docks, Navy Dept., Wash. D. C., received only bid Dec. 10, removing and rebuilding two 200 ft. towers, here, from Donnell-Zane Co., 298 Bway., New York City, $4262 (95 days).

★**Tenn., Memphis**—Hoisting Engines, Boilers and Locomotive Crane—Mississippi River Comn., Custom House, let contract furnishing hoisting engines, boilers and locomotive crane, to Lenher Eng. Co., 95 Liberty St., New York City, $18,125.

★**Mich., Detroit**—Dike Reconstruction—U. S. Eng. Office, 337 Federal Bldg., let contract improving channel at St. Clair Flats Ship Canal by removing 7220 lin.ft. old revetment and old crib, dredging 165,000 cu.yd. sandy material, furnishing and placing 20,000 tons riprap, to Dunbar & Sullivan, 2211 Dime Bank Bldg., $84,240.

★**Mich., Detroit**—Dredging—U. S. Eng. Office, Federal Bldg., let contract dredging and rock excavation in Livingstone Channel, Detroit River, involving 98,000 cu.yd. limestone rock and 345,000 cu.yd. place measurement of earth, to Empire Eng. Co., Inc., 6 Church St., New York City, $486,910.

★**Wash., Keyport**—Radio Towers—Spec. 4077—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building 400 ft. self-supporting radio tower with concrete foundations on wood, and for modifications of out riggers on existing towers at Naval Radio Sta., here, to Foundation Co., L. C. Smith Bldg., Seattle, $42,468 (180 days).

★**Wash., Puget Sound**—Officers' Quarters, Storehouse and Railroad Extension—Spec. 3983—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building 1 officers' quarters, 2 storehouses, concrete footings, foundations, platform and floors, built up and sheet metal roofing, copper and tin sheet metal work, etc., also railroad extension, to Puget Sound Bridge & Drdging Co., 811 Central Bldg., Seattle, $51,350 (180 days).

★**Wash., Tacoma**—Painting and Repairing—Treas. Dept., Wash., D. C., let contract painting and repairing Post Office, here, to J. P. Sullivan, 4515 Indiana Ave., Chicago, $3449.

★**Cal., San Diego**—Power House—Spec. 4070—Bureau Yards & Docks, Navy Dept., Wash., D. C let contract extending existing power house at Naval Radio Sta., Cholles Heights, to W. Slater Co., 2314 Santa Fe Ave., Los Angles, Cost $7500 (90 days)

★**H. T., Honolulu**—Post Office and Court House—Treas. Dept., Wash., D. C., let contract building, here, to Hawaiian Contg. Co., 139 Merchant St., $987,708 (30 months). Noted Aug. 21.

Miscellaneous

PROPOSED WORK

Transmission Line—Benson Mines, N. Y.—Northwestern Telephone Co. plans to build connecting link, 38 mi. from here to Tupper Lake. Cost between $20,000 and $25,000. L. W. Jenks, Carthage, supt.

Transmission Line—Churchville, N. Y.—See "Industrial Works."

Cement—Detroit, Mich.—E. N. Hines, chn. Wayne Co. Rd. Comn., soon lets contract furnishing 125,000 bbls. Portland Cement.

Stadium—Grant Park, Ill.—South Park Comn., East 57th St. and Cottage Grove Ave., Chicago, having plans prepared by Holabird & Roche, archts., 104 South Michigan Ave., Chicago, for 600 x 800 ft., rein.-con. stadium, here. About $3,000,000.

BIDS DESIRED

Fire Protection System—Livermore, Cal.—Until Dec. 22, by Supervs. Alameda Co., Oakland, replacing pipes and installing electric system at Arroya Sanitorium, involving 5 in. centrifugal pumps and motor, switchboard, wiring and 14 hydrants. County will furnish 3000 ft. 4 in. c.i. pipe. Alternate bid replacing hydrants. About $14,000. P. H. Haviland, co. surv.

Dam., etc.—New Westminster, B. C.—Until Jan. 7, by Dept. Pub. Wks., Ottawa, building dam, embankment and 3 groynes at Nicomen Island, Fraser River, near here. Noted June 19.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Tanks—Bridgeport, Conn.**—Singer Mfg. Co., Pembroke St. and Washington Ave. let contract building two 200,000 gal. fuel oil tanks, each 44 ft. diameter and 18 ft. high, on Yellow Mill Pond, to Lancaster Iron Wks., 126 North Water St., Lancaster, Pa.

Cast Iron Pipe—New York, N. Y.—Dept. Water, Gas & Electricity received bids Dec. 4, furnishing, delivering, loading, storing and stacking c.i. pipe, (a) Manhattan Boro., (b) Brooklyn Boro., from U. S. Cast Iron Pipe & Fdry. Co., 71 Bway., (a) $6102, (b) $3253; J. Fox & Co., 253 Bway., (a) $6199, (b) $3306; R. D. Wood Co., (a) $6278, (b) $3360.

★**Heating and Ventilating, etc. — New York, N. Y.**—H. Bruckner, pres. Bronx Boro., let contract installing heating and ventilating apparatus in P. S. No. 6, Tremont Ave., to D. J. Rice, 405 Lexington Ave., $61,393; installing temperature apparatus, to Fisher & Babcock, $3300.

N. Y. New York—Dept. Water, Gas & Electricity received lowest 3 bids Dec. 4, for c.i. special castings, valves, box casting valves, double nozzles, (a) Sect. 1, (b) Sect. 2, (c) Sect. 3, (d) Sect. 4, from J. Fox, 253 Bway., (a) $116,515, (b) $9603, (d) $21,235; Flockhardt Fdry. Co., (b) $8266; A. B. Smith Mfg. Co., (c) $7421, (d) $17,527.

★**Caissons—Chicago, Ill.**—Gardner & Lindberg, engrs., 38 South Dearborn St., let contract to Blome Sinek Co., 139 North Clark St., for caissons for 10 story, 250 x 350 ft., rein.-con. warehouse, rein.-con. flooring, concrete foundation, on Fulton and Morgan Sts., for Fulton Market Cold Storage Co., c/o J. Byfield, pres., Hotel Sherman. Total cost, $4,000,000. Sewers

★**Park—Salina, Kan.**—C. R. Cravens and B. Neil, Kansas City, Mo., will build amusement park, to include dancing pavilion, steel, rein.-con. flooring, brick and concrete foundation, wading pool, ferris wheel, chute the chutes, etc. About $100,000. Work will be done by day labor under supervision of B. Neil.

★**Air Mail Hanger—Omaha, Neb.**—Chamber of Commerce, Woodmen of the World Bldg., let contract for 1 story, 115 x 127 ft., steel and wood hanger, concrete foundation, on Chamber of Commerce Field, to J. E. Wakefield Co., 750 Brandeis Theatre Bldg., Omaha. About $20,000 to $30,000; cost plus percentage basis.

★**Pipe Line—Breckenridge, Tex.**—Texas Co., 17 Battery Pl., New York City, let contract furnishing labor and materials for building pipe line and gathering system, here, to Westinghouse, Church, Kerr, Inc., 37 Wall St., New York City. About $75,000.

Cement—Phoenix, Ariz.—City received bids furnishing 500,000 lb. cement, (for roads to be paved under $4,000,000 bond issue) from E. D. Skinner, Tempe, $2.64 f.o.b. Tempe, Diamond Portland Cement Co., Phoenix, $2.69 f.o.b. Tempe, Southwestern Portlandt Cement Co., 356 South Spring St., Los Angeles, $1.90 f.o.b. El Paso, Tex. or Victorville, Cal., Riverside Portland Cement Co., Title Insurance Bldg., Los Angeles, $1.77 f.o.b. Crestmore, Cal.

Gas Distributing System — Huntington Beach, Cal.—City Trustees received bids furnishing and laying pipe, valves and fittings, for gas distributing system, from R. F. Warren, Union Oil Bldg., Los Angeles, $15,750. T. Haverty Co., 8th and Maple Aves., Los Angeles, $34,987.

★**Towers—Winnipeg, Man.**—City let contract for steel towers for second power transmission line to Point du Bois, to Canadian Bridge Co., New Birks Bldg., Montreal, $136,163.

OFFICIAL PROPOSALS

Bids: Dec. 23.

Barge Canal

STATE OF NEW YORK
OFFICE OF SUPERINTENDENT OF PUBLIC WORKS
Albany, N. Y.

Sealed proposals will be received by the undersigned at his office in the Capitol at Albany, N. Y., until twelve o'clock noon of Tuesday, December 23rd, 1919, at which place and hour they will be publicly opened and read, for the construction of barge terminals pursuant to the provisions of Chapter 746 of the Laws of 1911, and of the acts amendatory thereof, as follows:

TERMINAL CONTRACT NO. 116
(Revised)

For furnishing and installing four three-ton electric semi-portal revolving jib cranes on Barge canal terminals, two each at Greenpoint and West 53rd Street, New York City.

Contract plans, sheets 1 and 2.

Plans may be seen and detailed specifications, engineer's estimates of quantities, proposal blanks, form of contract and bonds required and other information for proposers may be had at the office of the Superintendent of Public Works at Albany, N. Y., at the office of the Assistant Superintendent of Public Works for the Middle Division at Syracuse, N. Y., at the office of the Assistant Superintendent of Public Works for the Western Division at Rochester, N. Y., at the canal office, Spaulding's Exchange, Buffalo, N. Y., and at the office of the State Engineer and Surveyor, Hall of Records, New York City.

Copies of detailed plans or drawings may be obtained from the State Engineer and Surveyor at Albany, N. Y., upon payment to him of the cost of producing them.

Monthly estimates will be paid of ninety per centum (90 per cent.) of the work done at the contract price. Every proposal for said work must be accompanied by a money deposit in the form of a draft or certified check upon some good banking institution in the city of Albany or New York, issued by a national or state bank or trust company in good credit within the state and payable at sight to the Superintendent of Public Works for five per centum (5 per cent.) of the amount of the proposal.

The person whose proposal shall be accepted will be required to execute a contract and furnish bonds within ten days from the date of notice of award delivered to him or them in person or mailed to the address given in the proposal.

Upon execution of the contract and approval of bonds, the certified check or draft will be returned to the proposer unless the same shall have been presented for collection prior to such time in which case the amount of the deposit will be refunded by the Superintendent of Public Works.

The deposits of bidders other than the one to whom the award of contract shall be made will be returned immediately after the award has been made.

The bond required for the faithful performance of each contract shall be in such sum as shall be fixed by the Superintendent of Public Works, which sum shall not be less than twenty per centum (20 per cent.) of the estimated cost of the work, according to the contract price, and an additional bond, known as the labor bond, in the sum of ten per centum (10 per cent.) of the amount of the estimated cost of the work according to the contract price, will be required as security that the contractor will pay in full at least once in each month all laborers employed by him upon the work specified to be done in the contract.

In the event that more than one surety company is offered as surety on said bonds co-insurance only will be accepted.

Each proposal must be addressed to the Superintendent of Public Works, Albany, N. Y., and must be endorsed on the envelope with the name of the construction for which the proposal is made.

Award, if made, will be made to the person or persons whose proposal shall be lowest in cost to the state for doing the work, and which shall comply with all provisions required to render it formal. Before any award shall be made the lowest bidder will be required to satisfy the Superintendent of Public Works of his ability to provide suitable equipment and materials for the proper performance of the work.

The right is reserved to reject all proposals and readvertise and award the contract in the regular manner if, in the judgment of the undersigned, the interests of the state will be enhanced thereby.

EDWARD S. WALSH,
Superinendent of Public Works.

Bids: Dec. 29.

Reinforced Concrete Bridge

OFFICE OF THE COUNTY CONTROLLER OF BERKS COUNTY, PENNSYLVANIA
Reading, Pa.

Proposal for the construction of a Reinforced Concrete Bridge consisting of 13 arches and three flat spans with reinforced slab approaches on Bingaman Street, Reading, Pennsylvania.

Sealed proposals will be received at this office up to 10 o'clock A.M., Friday, December 29, 1919, for the construction of a reinforced concrete bridge consisting of 13 arch spans and three flat spans with reinforced slab approaches on Bingaman Street.

The structure will span the Schuylkill River, Schuylkill canal and the Pennsylvania, and Philadelphia and Reading R.R. tracks.

The total length of the structure will be 1586 feet with a 39 foot roadway and two 10 foot 6 inches wide sidewalks.

Bids will be opened in the office of the County Commissioners in the Court House at 11 o'clock A.M., December 29, 1919.

All bids must be accompanied with a certified check equal to 10 per cent. of the aggregate amount of the bid and made payable to C. J. Rhode, County Controller.

Copies of proposal blanks, plans and specifications may be obtained at the office of the County Commissioners, Reading, Pa., or upon application to Charles F. Sanders, C. E. Reading, Pa. A deposit of $200.00 will be required which will be refunded upon the return of the plans and specifications on or before December 29, 1919.

The right is reserved to reject any or all bids.

J. CALVIN HERBINE,
DANIEL G. GABEL,
HARRY D. MATTHEWS,
County Controler.

Dec. 8, 1919.

Bids: Jan. 5.

Bridge Construction

Tallahassee, Fla.

Sealed proposals will be received by the State Road Department, at Tallahassee, Florida, up to ten o'clock P.M., on the 5th day of January, 1920.

For the construction of a bridge over the Blackwater river, at Milton, Florida, consisting of four steel Girder Approach spans, and a steel Bascule lift span.

The length of the structure to be constructed is approximately 338 feet long, of four 60' deck girder spans, and a Strauss Bascule lift span with an 80' clear channel, having an 18' clear roadway and one 6' sidewalk, all on a substructure of concrete piers.

The proposed improvement will consist of approximately the following:

Wood foundation piling, 8250 lin. ft.
Concrete, 1348 cubic yards.
Steel Reinforcement, 168,000 pounds.
Structural Steel, Approach spans, 220,000 pounds.
Structural Steel, Bascule span, 200,000 pounds.
Castings, machinery, etc., 22,500 pounds.
Flooring, 26,500 ft. B.M.
Hand Rail, 716 lin. ft.

Plans and specifications are on file at the State Road Department, Tallahassee, Florida, for examination, or may be obtained on application to the State Road Department, for the sum of Twenty Dollars ($20.00), when returned with a bona-fide bid. Fifteen Dollars will be returned to the bidder.

The right is reserved to reject any or all bids.

A certified check in the sum of Three Thousand Dollars ($3000.00) amde payable to M. M. Smith, Chairman of the State Road Department, must accompany each bid as an evidence of good faith and the acceptance and entering into contract by the party to whom the work may be awarded.

Any bidder who shall, after fifteen (15) calendar days, notice being given, of the acceptance of his or their proposal, fail to execute the contract and furnish the required bond shall forfeit his or their claim to the work and his or their certified check shall be retained and used by the State of Florida as liquidated damages.

STATE ROAD DEPARTMENT
M. M. SMITH,
Chairman.

CHAS. A. BROWNE,
State Highway Engineer.
Dec. 6th, 1919.

U. S. GOVERNMENT

Bids: Jan. 2.

U. S. ENGINEER OFFICE, Florence, Ala.—Sealed proposals will be received here until 2 P.M. (central time), January 2, 1920, and then opened for constructing Lock and Esplanade for Dam at Widows Bar, Tennessee River, near Bridgeport, Ala. Further information on application.

Bids: Feb. 2.

SEALED PROPOSALS will be opened by the Supt. of Lighthouses, San Juan, P. R., 2 o'clock p.m., February 2, 1920, for construction of tower and dwelling for Point Jiguero Light Station, Rincon, P. R. Plans, specifications and other information upon application.